

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
11-DEOXYCORTISOL	Red 4 ml Clot Tube SST tubes are unacceptable. PATIENT PREPARATION: First morning sample preferred NOTE: Plasma is also acceptable from EDTA, Sodium heparin and lithium heparin. Quest; Preferred specimen volume 1 mL Minimum volume 0.25 mL Lab Corp; Preferred specimen 0.5 mL Minimum volume 0.2 mL	Spin and separate into plastic vial. FREEZE. Transport FROZEN sample from regional office on dry ice	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
17 OH CORTICOSTEROIDS	24 hour Urine Container with HCl or Boric Acid added in lab Required specimen is 24 hr urine preserved with 10 grams boric acid or 25 mL 6N HCl so that pH is below 7.5. Collect urine in plain 24 hour container and refrigerate during collection. HCl or Boric acid is added once specimen is received in the core lab. Preferred specimen 20 mL Minimum volume 10 mL	Store and transport sample refrigerated. Send entire container to the lab. Ship to Quest frozen if preservative is not used	Routine	1-7	Days	QUEST	1	24 HR URINE CONTAINER HCL or 24 HR URINE CONTAINER BORIC ACID
17-HYDROXYPREGNENOLONE	Red 4 ml Clot Tube. Quest; preferred specimen 2 mL Minimum volume 0.4 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.3 mL (adults) Minimum volume 0.1 mL (peds)	Spin and separate into plastic vial Quest: Store and transport refrigerated LABCORP: Store and transport FROZEN.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
17-HYDROXYPROGESTERONE	Red 4 ml Clot Tube SST tubes are unacceptable Alternative specimens: Plasma collected in an EDTA (lavender-top) , EDTA (royal blue-top), sodium heparin (green-top) or lithium heparin (green-top) tube Quest; Preferred specimen 0.5 mL Minimum volume 0.25 mL Lab Corp; Preferred specimen 1 mL Minimum volume 0.5 mL	Spin and separate into plastic vial Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
17-KETOSTEROIDS	24 hour Urine Container with HCl or Boric Acid added in lab Required specimen is 24 hr urine preserved with 10 grams boric acid or 25 mL 6N HCl so that pH is below 7.5. Collect urine in plain 24 hour container and refrigerate during collection. HCl or Boric acid is added once specimen is received in the core lab. Test includes 17-ketosteroids and creatinine Preferred specimen 20 mL Minimum volume 10 mL	Store and transport sample refrigerated. Send entire container to lab	Routine	1-7	Days	QUEST	1	24 HR URINE CONTAINER HCL or 24 HR URINE CONTAINER BORIC ACID
5' NUCLEOTIDASE	Gold SST Preferred specimen 1 mL Minimum volume 0.2 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD

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5-HIAA, 24 HR URINE	<p>Patient Preparation: Patient should avoid food high in indoles: Avocados, banana, tomato, plum, walnut, pineapple, and eggplant.</p> <p>Quest: 24 Hour Urine Container with HCl added in lab</p> <p>Required specimen is 24 hr urine preserved with 6N HCl so that specimen pH is below 3. Collect urine in plain 24 hour urine container and refrigerate during and after collection. HCl is added once specimen is received in the core lab.</p> <p>Preferred specimen 10 mL</p> <p>Minimum volume 5 mL</p> <p>LabCorp: 24 Hour Urine Plain Container</p> <p>Preferred specimen 4 mL</p> <p>Minimum volume 1 mL</p>	Store and transport sample refrigerated. Send entire container to lab	Routine	1-7	Days	LABCORP QUEST	1 1	24 HOUR URINE CONTAINER 24 HR URINE CONTAINER HCL
ABG (CH)	Arterial blood samples are collected by Respiratory Therapy in heparinized syringes. Refer to CH739-14 for collection procedure.	All specimens are transported in a biohazard bag. Plastic syringes are kept at room temperature and analyzed within 30 minutes of collection.	Routine	1-7	Days	CORNING HOSPITAL LAB	1	STERILE SYRINGE
ABG (TMH)	Anaerobic sample that is obtained in a heparinized blood gas syringe. Minimum volume is 2cc in the adult kit and 1cc in the pediatric kit.	Sample is transported to ABG lab in a rigid container with a lid. Specimens are analyzed within 20 minutes of collection.	Routine	1-7	Days	TMH RT LAB	1	STERILE SYRINGE
ABNORMAL COAG INVESTIGATION	Collect: 4 Blue 4.5ml citrate tubes Correct ratio of blood to citrate is critical. Avoid hemolysis. Tubes must be filled completely and mixed gently 8 times.	<p>Spin and separate plasma into 4 separate plastic vials. FREEZE all four samples. Transport FROZEN samples from regional office on dry ice.</p> <p>Samples are to be kept at room temperature and centrifuged to obtain platelet poor plasma within four hours of collection. The centrifuged sample must be tested within 4 hours of collection. If testing will be delayed more than 4 hours, separate the platelet poor plasma into a labeled polypropylene tube and freeze. Spin time to obtain platelet poor plasma depends on the centrifuge speed.</p> <p>RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 4000 6 minutes 5100 - 7100 3 minutes</p>	Routine	1-7	Days	GUTHRIE CLINIC LAB	4	BLUE CITRATE 2.7 ML

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ABNORMAL COAG INVESTIGATION (QUEST)	Collect: 2 Blue 4.5ml citrate tubes This test includes both PT and PTT testing Correct ratio of blood to citrate is critical. Avoid hemolysis. Tubes must be filled completely and mixed gently 8 times.	Spin and separate plasma into 2 separate plastic vials. FREEZE both samples. Transport FROZEN samples from regional office on dry ice. Samples are to be kept at room temperature and centrifuged to obtain platelet poor plasma within four hours of collection. The centrifuged sample must be tested within 4 hours of collection. If testing will be delayed more than 4 hours, separate the platelet poor plasma into a labeled	Routine	1-7	Days	QUEST	2	BLUE CITRATE 2.7 ML
ABNORMAL COAG INVESTIGATION PT (LABCORP)	Collect: 2 Blue 4.5ml citrate tubes This test is for specimens that are being sent to Labcorp. When an Abnormal Coag Investigation is requested, both the ACI PT and PTT tests are automatically ordered.	Spin to obtain platelet poor plasma and separate plasma into a labeled polypropylene tube. FREEZE. Transport FROZEN samples from regional office on dry ice. Spin time to obtain platelet poor plasma depends on the centrifuge speed. RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 4000 6 minutes 5100 - 7100 3 minutes	Routine	1-7	Days	LABCORP	2	BLUE CITRATE 2.7 ML BLUE CITRATE FROZEN
ABNORMAL COAG INVESTIGATION PTT (LABCORP)	{\rtf1\ansi\deflang1033\ftnbj{\fonttbl{\f0 \modern \charset0 Arial;}}\plain\0\fs20 Collect: 2 Blue 4.5ml citrate tubes\par This test is for specimens that are being sent to Labcorp. When an Abnormal Coag Investigation is requested, both the ACI PT and PTT tests are automatically ordered.\par }	Spin to obtain platelet poor plasma and separate plasma into a labeled polypropylene tube. FREEZE. Transport FROZEN sample from regional office on dry ice. Spin time to obtain platelet poor plasma depends on the centrifuge speed. RPM Spin Time for PPP 2500 - 3500 15 minutes	Routine	1-7	Days	LABCORP	2	BLUE CITRATE 2.7 ML
ABORH	Pink 6ml EDTA preferred Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Stable refrigerated up to 72 hours.	Routine	1-7	Days	GCL BLOOD BANK CH BLOOD BANK TCH BLOOD BANK TMH BLOOD BANK	1 1 1 1	PINK EDTA PINK EDTA PINK EDTA PINK EDTA
ACETAMINOPHEN	Red top tube	Spin and separate into separate vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	RED RED RED RED
ACETAZOLAMIDE	Red 4 ml Clot Tube SST tubes are unacceptable	Spin and separate into plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
ACETONE, SERUM	Gold 5 ml SST PATIENT PREPARATION: Prep the venipuncture site with an Iodine prep. Sayre/Corning/Troy: Lt Green 4.5 PST is used as an alternate specimen.	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GOLD GREEN LIHEP PST RED GOLD RED GREEN LIHEP PST GOLD GREEN LIHEP PST RED GOLD RED

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ACETYLCHOLINE RECEPTOR, BINDING	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.3 mL	Spin and do not separate. Store and transport refrigerated. Indicate if the patient is immune suppressed.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ACETYLCHOLINE RECEPTOR, BLOCKING	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.3 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ACETYLCHOLINESTERASE, AMNIO FLD	Isolation Tube 3ml of amniotic fluid are required Quest; preferred specimen 1.5 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 3 mL Minimum volume 3 mL	Label with specimen SOURCE. Store and transport at ROOM TEMPERATURE.	Routine	1-7	Days	LABCORP QUEST	1 1	ISOLATION TUBE ISOLATION TUBE STERILE CONTAINER
ACID FAST CULT/SMEAR CONCENTRATED (BRONCH)	1. Collect bronchial washings, bronchial lavage into a sterile wax-free container. 2. Label specimen noting site and source.	Store and transport refrigerated up to 7 days.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	STERILE CONTAINER
ACID FAST CULTURE BODY FLUID	1. Aseptically collect 5 ml of body fluid (joint, pericardial, pleural, synovial, peritoneal, ascitic or CSF). 2. Transfer collected fluid into a sterile container.	Specimen is stable refrigerated for up to 7 days. Swabs are not acceptable.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	STERILE CONTAINER
ACID FAST CULTURE W/SMEAR (OTHER)	1. Collect bronchial washings, bronchial lavage into a sterile wax-free container. 2. Label specimen noting site and source.	Store and transport refrigerated up to 7 days.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	STERILE CONTAINER
ACTH	Lavender 3 ml EDTA PATIENT PREPARATION: Patient should be fasting. Collect between 7 am & 10 am. If drawn any other time, the reference ranges do not apply. Quest; preferred specimen 1.5 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 0.8 mL Minimum volume 0.3 mL	Spin and separate plasma IMMEDIATELY. FREEZE. Store and transport sample on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	LAVENDAR EDTA LAVENDAR EDTA
ADALIMUMAB CONC & ANTI-ADALIMUMAB AB	2 ml serum in Red top tube	Spin and separate serum within 45 minutes of collection; transfer into a plastic transport tube. Store and transport refrigerated	Routine	2	Weeks	LABCORP QUEST	1 1	RED RED
ADENOVIRUS ANTIBODIES	Gold 5 ml SST Patient Prep: Minimum fast of 4 hours. Non-fasting specimens cause method interference. Preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD

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ADULT BLOOD CULTURE	<p>PROCEDURE: BACTERIAL AEROBIC CULTURE (C BLD) BACTERIAL ANAEROBIC CULTURE (C BLD)</p> <ol style="list-style-type: none"> 1. Disinfect blood culture bottles by rubbing stoppers with 70% alcohol and allowing it to dry. 2. Palpate for vein and mark with fingernail impression. 3. Using Chloraprep One-Step Kit, pinch the wings on the applicator to break the ampule. Do not touch sponge. Wet the sponge by repeatedly pressing and releasing the sponge against the treatment area until liquid is visible on the skin. Scrub the venipuncture site for 2 minutes with the alcohol sponge and allow to dry for 1 minute. Discard sponge. 4. Perform venipuncture using a vacutainer safety lok butterfly needle. DO NOT repalpate the venipuncture site. Collect 20 ml of blood (if an adult patient), 10 ml of blood (if a pediatric patient weighing 30-80 lbs). 5. Inoculate blood cultures bottles in the following order: aerobic, anaerobic, (if ordered) and any other blood work is collected last. See below for inoculation volumes. 6. Multiple blood culture sets may be collected at the same time from separate venipuncture sites. 7. Mix bottles. 8. Label samples noting blood culture set number (i.e. set 1, set 2), site of collection and source if other than blood (peritoneal fluid, pericardial fluid). 	Store and transport samples at room temperature. DO NOT REFRIGERATE	Routine Routine Routine STAT STAT	5 5 5 5 5	Days Days Days Days Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	2 2 2	BLOOD CULTURE VIALS BACTEC AEROBIC VIAL BACTEC ANAEROBIC VIAL BACTEC AEROBIC VIAL BACTEC ANAEROBIC VIAL BLOOD CULTURE VIALS BACTEC AEROBIC VIAL BLOOD CULTURE VIALS BACTEC ANAEROBIC VIAL
AEROBIC (WOUND) CULTURE WITH GRAM STAIN	<ol style="list-style-type: none"> 1. Remove surface exudate by wiping with sterile saline or 70% ethanol. 2. Aspirate if possible, or pass a swab deep into the lesion and firmly sample the lesion's advancing edge. 3. A sample from the base of the lesion and a sample from the abscess wall are most productive. 4. Tissue or fluid is always superior to a swab specimen. <p>Reference Range: No aerobic growth</p> <p>Rejection Criteria: Received frozen Received in viral transport device Improper specimen collection, storage, and transport</p>	If using ESwab refrigerate (4-8°C) or RT (20-25°C) <=48hrs, otherwise RT <=24hours	Routine	72	Hours	GUTHRIE CLINIC LAB	1	ESwab Regular Collection Kit STERILE CONTAINER STERILE SYRINGE

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AFB CULTURE	1. Bronchial Washings or Bronchial Lavage: Submit in a sterile, wax-free container. Label sample noting specimen site and source. Minimum sample is 10 ml of fluid. 2. Gastric Aspirate: must be buffered within 4 hours of collection by adding 100 mg of sodium carbonate. Collect in a sterile, wax-free container. Label sample noting specimen site and source. Minimum sample is 5 ml of fluid. 3. Stool: collect in a clean basin. Transfer to a sterile container. Sample should not be contaminated with toilet water or toilet paper. Label sample noting source. Minimum sample is 1 gram. 4. Colonic Aspirate: submit sample in a sterile, wax-free container. Label sample noting specimen site and source. Minimum sample is 10 ml.	Store and transport refrigerated up to 7 days. Colonic Aspirate: Store and transport refrigerated up to 24 hours.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1 1	STERILE CONTAINER STERILE CONTAINER STERILE CONTAINER
AFB ID BY DNA PROBE	This is a non-orderable test	Reflex test only	Routine	1-7	Days	LABCORP	1	STERILE CONTAINER
AFB STAIN			Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1 1	STERILE CONTAINER SLIDE STERILE CONTAINER SLIDE STERILE CONTAINER SLIDE
ALBUMIN	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
ALBUMIN FLUID	White Fluid Tube List specimen SOURCE on the container.	Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB	1	WHITE FLUID TUBE
ALBUMIN, GLYCATED	This test is no longer available at Quest Diagnostics. The recommended replacement is Fructosamine.		Routine	1-7	Days			
ALCOHOL LEVEL, MEDICAL	Sayre/Corning/Troy: Gray 4 ml Fluoride/Oxalate Towanda: Gold SST DO NOT use alcohol or alcohol containing solution for skin prep. Use a non-alcohol solution such as betadine.	2 gray 4ml fluoride/oxalate tubes required. Do not spin or separate, whole blood required. The lab will centrifuge the sample and remove plasma for testing.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GRAY GREEN LIHEP PST GRAY GOLD GREEN LIHEP PST GRAY RED
ALCOHOL,ETHYL PAIN PANEL	10 ml urine in a sterile container Minimum volume 1 mL	Store and transport refrigerated	Routine	1-7	Days	QUEST	1	STERILE CONTAINER
ALDOLASE	Gold 5 ml SST Quest; preferred specimen 2 mL Minimum volume 1 mL Lab Corp; preferred specimen 0.5 mL Minimum volume 0.2 mL	spin and do not separate. Hemolyzed specimens are not acceptable. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ALDOSTERONE	Red 4 ml Clot Tube PATIENT PREPARATION: Patient must remain in an upright, sitting position for at least 30 minutes prior to specimen collection. Quest; preferred specimen 1 mL Minimum volume 0.25 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and separate into a plastic vial. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED

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ALDOSTERONE, 24 HR URINE	Quest: 24 hour Urine Container with Boric Acid added in lab Required specimen is 24 hr urine preserved with 10 grams boric acid so that pH is below 7.5. Collect urine in plain 24 hour container and refrigerate during collection. Boric acid is added once specimen is received in the core lab. Preferred specimen 5 mL Minimum volume 0.8 mL Labcorp: 24 Hour Urine Container with no preservative Preferred specimen 10 mL Minimum volume 1 mL	Store and transport sample refrigerated. Send entire container to the lab	Routine	1-7	Days	LABCORP QUEST	1 1	24 HOUR URINE CONTAINER 24 HR URINE CONTAINER BORIC ACID
ALKALINE PHOSPHATASE	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
ALKALINE PHOSPHATASE, BONE SPEC	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.3 mL Lab Corp; preferred volume 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ALKALINE PHOSPHATASE, ISOENZYMES	Gold 5 ml SST PATIENT PREPARATION: Overnight fast required Quest; preferred specimen 2 mL Minimum volume 1 mL Lab Corp; preferred specimen 2 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ALPHA 2 MACROGLOBULIN	Gold 5 ml SST Avoid hemolysis. Overnight fasting is preferred. Quest; preferred specimen 1 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.2 mL (adult) Minimum volume 0.1 mL (peds)	Spin and do NOT separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ALPHA FETOPROTEIN AMNIOTIC	Collect 2cc (discard first 2cc) amniotic fluid into a small vial. Label with patient name, B# and specimen SOURCE. Gestational Age is Required Quest requires a signed consent form which maybe obtained by clicking the link below. Quest; preferred specimen 3 mL Minimum volume 1.5 mL Lab Corp; preferred specimen 1 mL Minimum volume 1 mL	Store and transport at ROOM TEMPERATURE	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER

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ALPHA FETOPROTEIN MATERNAL SCREEN	Gold 5 ml SST The MSAFP test in pregnant women should be performed between 15.0 and 22.9 weeks gestational age, although the optimal period is 15.0-16.9 weeks. This time frame allows sufficient opportunity for further diagnostic studies if the initial MSAFP results are abnormal. Specimens submitted before 15.0 weeks or after 22.9 weeks gestation cannot be properly evaluated. This test is used for screening of open neural tube defects. Quest; preferred specimen 1 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 3 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ALPHA FETOPROTEIN MATERNAL SCREEN 3	Gold 5 ml SST Test includes alpha-fetoprotein, human chorionic gonadotropin, unconjugated estriol. Provides risk assessment for fetal Down syndrome, trisomy 18 and open neural tube defects. Test during the second trimester between 14.0 and 22.9 weeks gestation. Preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-8	Days	QUEST	1	GOLD
ALPHA FETOPROTEIN MATERNAL SCREEN 4	Gold 5 ml SST Test includes alpha-fetoprotein, human chorionic gonadotropin, unconjugated estriol and Inhibin A. Provides risk assessment for fetal Down Syndrome, trisomy 18 and open neural tube defects. Test during the second trimester. Quest; preferred specimen 3 mL Minimum volume 1 mL Lab Corp; preferred specimen 5 mL Minimum volume 3 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-9	Days	LABCORP QUEST	1 1	GOLD GOLD
ALPHA FETOPROTEIN, MATERNAL SCREEN 5	Gold 5 ml SST Test includes alpha-fetoprotein, human chorionic gonadotropin, unconjugated estriol, inhibin A and h-hCG. Provides risk assessment for fetal Down Syndrome, trisomy 18 and open neural tube defects. Test during the second trimester. Preferred sample 4 mL Minimum volume 1.5 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-10	Days	QUEST	1	GOLD

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ALPHA MELANOCYTE STIMULATING HORMONE	Quest: 2 Lav EDTA tubes. Fasting specimen is preferred. Patient should be free from medications for 2 days. NY specimen testing is not available at Quest laboratory; for NY patients order as a Miscellaneous test and send to Labcorp (test code 010421) Labcorp: Contact the LabCorp supply department for special collection kit.	Quest: Spin and separate plasma into plastic transport tube. Store and transport Frozen. Labcorp: Using a chilled 6-mL lavender-top (EDTA) tube, collect a whole blood specimen. Mix the specimens several times by inverting the EDTA collection tube. After removing the cap from the EDTA draw tube, take one of the sterile, Beral pipettes (from under the gray foam), and add 0.25 mL Trasylol® to the EDTA tube. Recap the EDTA tube and invert several times to mix well. Centrifuge the EDTA tube to separate the plasma from the cells, and immediately transfer the plasma into a PP screw-cap transfer tube. Place a "Trasylol® Added" label on the bottom of the amber tube and freeze.	Routine	10	Days	LABCORP QUEST	1 2	OTHER LAVENDAR EDTA
ALPHA SUBUNIT	Red 5 ml Quest; preferred specimen 1 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.25 mL	Quest: Spin and separate. Store and transport refrigerated Labcorp: Spin and separate. Store and transport FROZEN.	Routine	1-7	Days	LABCORP QUEST	1 1	RED 5 ML RED RED 5 ML RED
ALPHA-1 ANTITRYPSIN PHENOTYPE	{\rtf1\ansi\deflang1033\fnbj{\fonttbl{\f0 \modern \charset0 Arial;}}\plain\fs20 Gold 5 ml SST\par Quest; preferred specimen 1 mL\par Minimum volume 0.1 mL\par Lab Corp; preferred specimen 2 mL\par Minimum volume 0.7 mL\par }	Spin and do not separate. Quest: Store and transport refrigerated Labcorp: Store and transport at room temp	Routine	1-8	Days	LABCORP QUEST	1 1	GOLD GOLD
ALPHA-1-ACID GLYCOPROTEIN	Red 4 ml Clot Tube Quest; preferred specimen 1 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.4 mL	Spin and separate into a plastic vial. Store and transport refrigerated	Routine	1-9	Days	LABCORP QUEST	1 1	RED RED
ALPHA-1-ANTITRYPSIN	Gold 5 ml SST Preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-10	Days	LABCORP QUEST	1 1	GOLD GOLD
ALPHA-1-ANTITRYPSIN MUTATION	2 Lavender EDTA tubes 5 ml whole blood is required. A signed informed consent form is required to perform testing Quest; preferred specimen 5 mL Minimum volume 2 mL Lab Corp; preferred specimen 7 mL Minimum volume 3 mL	Do not spin or separate. Store and transport refrigerated.	Routine	1-11	Days	LABCORP QUEST	2 2	LAVENDAR EDTA LAVENDAR EDTA
ALPHA-1-ANTITRYPSIN, STOOL	10 grams of a random feces collected and submitted in a plastic, leak-proof container. FREEZE. Quest; preferred specimen 10 gm Minimum volume 2 gm	Transport frozen sample on dry ice.	Routine	1-12	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER

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ALPHA-FETOPROTEIN MARKER	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 0.8 mL Minimum volume 0.3 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-13	Days	LABCORP QUEST	1 1	GOLD GOLD
ALT (SGPT)	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
ALUMINUM	Royal Dark Blue 6 ml No Additive SERUM Trace Metal PATIENT PREPARATION: Patient should refrain from taking antacids containing aluminum compounds at least three days prior to sample collection Draw one test tube of blood and DISCARD! Draw a second test tube. Allow the serum to clot in an upright position. Spin and separate serum into a trace element container within 1 hour of collection. DO NOT use a pipet. Serum must be carefully poured off to avoid trace element contamination Quest; preferred specimen volume 2 mL Minimum volume 0.7 mL Lab Corp; preferred specimen 7 mL Minimum volume 0.6 mL	Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	ROYAL BLUE PLAIN 6ML ROYAL BLUE PLAIN 6ML
AMIKACIN	Red 4 ml Clot Tube RANDOM: Specimen can be drawn at any time.	Spin and separate into plastic vial. SST tubes are NOT acceptable. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	RED RED 5 ML
AMIKACIN (REF LAB)	Red 4 ml Clot Tube RANDOM: Specimen can be drawn at any time.	Spin and separate into plastic vial. SST tubes are NOT acceptable. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
AMIKACIN PEAK	Red 4 ml Clot Tube PEAK: Draw one hour after intramuscular dose or 30 minutes after the completion of a 30 minute intravenous infusion.	Spin and separate into plastic vial. SST tubes are NOT acceptable. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	RED RED 5 ML
AMIKACIN PEAK (REF LAB)	Red 4 ml Clot Tube PEAK: Draw one hour after intramuscular dose or 30 minutes after the completion of a 30 minute intravenous infusion.	Spin and separate into plastic vial. SST tubes are NOT acceptable. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED 5 ML RED RED 5 ML RED
AMIKACIN PEAK GROUPER			Routine	1-7	Days			
AMIKACIN TROUGH	Red 4 ml Clot Tube TROUGH: Draw just before next dose. NOTE: Please indicate Peak / Trough / Random on request and on the specimen container	Spin and separate into plastic vial. SST tubes are NOT acceptable. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	RED RED 5 ML
AMIKACIN TROUGH (REF LAB)	Red 4 ml Clot Tube TROUGH: Draw just before next dose. NOTE: Please indicate Peak / Trough / Random on request and on the specimen container	Spin and separate into plastic vial. SST tubes are NOT acceptable. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED 5 ML RED RED 5 ML RED

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
AMINO ACID QUANT, URINE	Urine Container Plain, Random Provide patients age, sex, brief clinical history, tentative diagnosis, therapy over the last 3 days (drugs, x-rays, diet) Quest; preferred specimen 2 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 5 mL Minimum volume 2 mL	Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CUP STERILE CUP
AMINO ACIDS, PLASMA	Green 10 ml Sodium Heparin PATIENT PREPARATION: A 4 hour fast required Provide patient age, sex, clinical history, diagnosis, and therapy over the last 3 days (drugs, x-ray, diet). Quest; preferred specimen 2 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 0.5 mL Minimum volume 0.25 mL	Spin and separate into plastic vial. FREEZE immediately	Routine	1-7	Days	LABCORP QUEST	1 1	GREEN NA HEPARIN GREEN NA HEPARIN
AMIODARONE LEVEL	Red 4 ml Clot Tube PATIENT PREPARATION: Collect no SOONER than 12 hours after last dose. Quest; preferred specimen 3 mL Minimum volume 1 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.3 mL	Spin and separate into separate vial. Store and transport refrigerated. SST tubes are unacceptable	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
AMITRIPTYLINE LEVEL	Red 4 ml Clot Tube Test includes Nortriptyline Level Quest; preferred sample 3 mL Minimum volume 1.5 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.3 mL	Spin and separate serum as soon as possible into a separate vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
AMMONIA	Sayre/Troy: Green Yellow Lithium Heparin PST Corning/Towanda: Lavendar 3 ml Place sample on ice IMMEDIATELY after collection and deliver IMMEDIATELY to the Laboratory. The plasma must be remove from the cells within 15 minutes of collection. Regional Offices: Spin and separate plasma - freeze sample immediately.	SAYRE, CORNING, TROY TOWANDA CAMPUS: Place sample on ice IMMEDIATELY after collection and deliver IMMEDIATELY to the Laboratory. REGIONAL OFFICES: 1. Specimens should be put on ice immediately after collection. 2. Centrifuge specimen. 3. Aliquot plasma into plastic transport tube. Keep on ice. 4. Freeze plasma immediately. 5. Transport to the laboratory frozen.	STAT Routine	45 45	Minutes Minutes	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST LAVENDAR EDTA PLASMA GREEN LIHEP PST LAVENDAR EDTA PLASMA
AMNISURE ROM	Special Collection Kit Required. Swabs and solvent are stored in the maternity unit. Call x-5680 to request a kit. PATIENT PREPARATION: Women with moderate to gross vaginal bleeding are NOT tested. Blood will cause false test results. AmniSURE must not be used earlier than 6 hours after the removal of any disinfectant solutions or medications from the vagina. Submit the specimen to the lab within 30 minutes.	Submit the specimen to the lab within 30 minutes.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	AMNISURE AMNISURE

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AMOEBIC ANTIBODY, IGG	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.25 mL Lab Corp; preferred specimen 0.4 mL Minimum volume 0.2 mL	Spin and do NOT separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
AMPHETAMINE CONF, SERUM	Quest: Red 10 ml Clot Tube Preferred specimen 2 mL Minimum volume 1 mL Labcorp: 7 ml whole blood collected in gray top tube Preferred specimen 7 mL Minimum volume 3 mL	Quest: Spin and separate into plastic vial. Store and transport refrigerated Labcorp: Do not spin or separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	2 1	RED RED
AMPHETAMINE CONFIRMATION	10 ml urine collected in a urine container with temperature strip Quest; preferred specimen 30 mL Minimum volume 7 mL Lab Corp; preferred specimen 20 mL Minimum volume 20 mL	Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CUP STERILE CONTAINER STERILE CUP
AMYLASE	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
AMYLASE 24 HR URINE (QUEST)	24 Hour Urine Plain Container Preferred specimen 10 mL Minimum volume 2 mL	Transport entire container to lab. Store and transport refrigerated	Routine	1-7	Days	QUEST	1	24 HOUR URINE CONTAINER
AMYLASE BODY FLUID	White Fluid Tube List specimen SOURCE on the container.	Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB	1	WHITE FLUID TUBE
AMYLASE ISOENZYMES	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 2 mL Minimum volume 1 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
AMYLASE, 12 HR URINE	24 Hour Urine Plain Container	Transport entire container to lab. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	24 HOUR URINE CONTAINER 24 HOUR URINE CONTAINER
AMYLASE, PERITONEAL FLUID	Isolation Tube Notes:List specimen SOURCE on the container. Quest; preferred specimen 2 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.5 mL	Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	WHITE FLUID TUBE STERILE CONTAINER WHITE FLUID TUBE STERILE CONTAINER
AMYLASE,12 HR URINE (QUEST)	24 Hour Urine Plain Container	Transport entire container to lab. Store and transport refrigerated	Routine	1-7	Days	QUEST	1	24 HOUR URINE CONTAINER

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AMYLASE,24 HOUR URINE	24 Hour Urine Plain Container	Transport entire container to lab. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	24 HOUR URINE CONTAINER
AMYLASE,RANDOM	Random urine-Transfer to 10ml urine tube for transport.	Transfer to 10ml urine tube for transport. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	STERILE CUP STERILE CONTAINER YELLOW URINE CONICAL TUBE
AMYLASE,RANDOM (REF LAB)	Random urine-Transfer to 10ml urine tube for transport.	Transfer to 10ml urine tube for transport. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CUP YELLOW URINE CONICAL TUBE STERILE CUP STERILE CONTAINER YELLOW URINE CONICAL TUBE
ANA (ANTINUCLEAR ANTIBODIES)	Gold SST	Spin and do not separate. Store and transport refrigerated	Routine STAT	5 5	Days Days	GUTHRIE CLINIC LAB	1	GOLD
ANA (ANTINUCLEAR ANTIBODIES) (REF LAB)	Gold SST Preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ANA TITER (REF LAB)	Gold tube Preferred specimen 1 mL Minimum volume 0.5 mL	Store and transport refrigerated.	Routine	1-7	Days	QUEST	1	GOLD
ANAEROBIC CULTURE W/GRAM STAIN	1. Remove surface exudate by wiping with sterile saline or 70% ethanol. 2. Tissue or fluid is always superior to a swab specimen. 3. Aspirate material with needle and syringe, if possible, or pass a swab deep into the lesion and firmly sample the lesion's advancing edge. 4. Aseptically transfer all material into a sterile container. (Fluid volume should be >= 1 mL. Syringe need to have needle removed.) All ANAEROBIC cultures have an AEROBIC culture performed automatically. ACCEPTABLE SPECIMENS for ANAEROBIC CULTURE: see individual culture & sensitivity source listing for further instruction. •Abscess aspirates •Blood Culture •Body fluids •Bone •Bone Marrow Core Samples •s20 Bronchial brush •CSF (cerebrospinal fluid) •Deep wounds •Genital specimens from culdocentesis or abscess •Suprapubic bladder aspiration •Tissue •Transtacheal aspration Reference Range: No growth aerobic/anaerobic Rejection Criteria: Improper specimen collection, storage, and transport Specimens not received in appropriate anaerobic transport system Inappropriate specimen source for anaerobic culture	If using ESwab refrigerate (4-8°C) or RT (20-25°C) <=48hrs, otherwise RT <=24hours	Routine Routine Routine	5 5 5	Days Days Days	GUTHRIE CLINIC LAB	1	ESwab Regular Collection Kit STERILE CONTAINER STERILE CUP STERILE SYRINGE

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
Anaplasma phagocytophilum Antibodies (IgG, IgM)	Quest; gold tube Preferred specimen 1 mL Minimum volume 0.2 mL	Spin and do not separate. Store and transport refrigerated.	Routine	3	Days	QUEST	1	GOLD
ANDROSTANEDIOL GLUCURONIDE	Red 4 ml Clot Tube SST tube is also acceptable Alternate specimen: 2 ml lav EDTA plasma Quest; preferred specimen 0.5 mL Minimum volume 0.5 mL LabCorp; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
ANDROSTENEDIONE	Red 4 ml Clot Tube An early morning specimen is preferred. Quest; preferred specimen 1 mL Minimum volume 0.25 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
ANGIOTENSIN CONVERT ENZYME CSF	Spinal Fluid Container - Collect 1ml of CSF. Label with specimen SOURCE Quest; preferred specimen 1 mL Minimum volume 0.2 mL Lab Corp; preferred specimen 0.5 mL Minimum volume 0.2 mL	FREEZE immediately. Store and transport on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	CSF CONTAINER CSF CONTAINER
ANGIOTENSIN CONVERTING ENZYME	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL Lab Corp; 0.5 mL Minimum volume 0.2 mL	Spin and do not separate. Centrifuge within 1 hour of collection. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	SST SST
ANGIOTENSIN II	Lavender 3 ml EDTA Quest; preferred specimen 1 mL Minimum volume 0.3 mL Lab Corp; preferred specimen 3 mL Minimum volume 1.5 mL	Spin and separate. FREEZE. Transport frozen sample on dry ice	Routine	1-7	Days	LABCORP QUEST	1 1	LAVENDAR EDTA LAVENDAR EDTA
ANSER ADA/IFX	Red 4 ml Clot Tube Signed consent form is required to perform testing. Specify ADA or IFX test on requisition based on the medication patient is taking.	Spin and separate into plastic vial. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1	RED RED RED
ANTENATAL RHOGAM SCREEN	Pink 6ml EDTA preferred Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Store and ship at room temperature or refrigerated up to 72 hours	Routine	1-7	Days	GCL BLOOD BANK CH BLOOD BANK TCH BLOOD BANK TMH BLOOD BANK	1 1 1 1	PINK EDTA PINK EDTA PINK EDTA PINK EDTA
ANTI ADRENAL ANTIBODY WITH REFLEX TITER	Gold 5 ml SST Quest; preferred specimen 2 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 0.6 mL Minimum volume 0.3 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ANTI CARDIOLIPIN AB IGA, IGG, IGM	Gold 5 ml SST Preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ANTI CARDIOLIPIN ANTIBODY IGA	Gold 5 ml SST Preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ANTI CARDIOLIPIN ANTIBODY IGG	Gold 5 ml SST Preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ANTI CARDIOLIPIN ANTIBODY IGM	Gold 5 ml SST Preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD

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ANTI DNA, DOUBLE STRANDED	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GOLD
ANTI DNA, DOUBLE STRANDED (REF LAB)	Gold 5 ml SST Preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ANTI DNASE B ANTIBODY	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.4 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ANTI GLIADIN ANTIBODY PANEL	Gold 5 ml SST Quest; preferred specimen 2 mL Minimum volume 1 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ANTI GLOMERULAR BASEMENT MEMBR	Gold 5 ml SST Preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ANTI HISTONE ANTIBODY	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.3 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Spin within 1 hour of collection. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ANTI HU ANTIBODY WITH REFLEX TO TITER	Gold 5 ml SST PATIENT PREPARATION: Overnight fast is preferred If this test is positive a Western Blot confirmation and titer are performed automatically Quest; preferred specimen 0.5 mL Minimum volume 0.2 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ANTI JO-1	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL Lab Corp; preferred volume 0.6 mL Minimum volume 0.3 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ANTI MYELOPEROXIDASE AB	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.3 mL Lab Corp; preferred specimen 0.6 mL Minimum volume 0.3 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ANTI NEUTROPHIL CYTO ANTIBDY	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated Avoid hemolysis	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ANTI PROTEINASE 3 ANTIBODY	Gold 5 ml SST Avoid hemolysis Quest; preferred specimen 1 mL Minimum volume 0.3 mL Lab Corp; preferred specimen 0.6 mL Minimum volume 0.3 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD

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ANTI SPERM ANTIBODY, SERUM	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.3 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ANTI STREPTOLYSIN O	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 2 mL Minimum volume 2 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ANTI TSH ANTIBODY	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	QUEST	1	GOLD
ANTI YO AB (PURKINJE CELL) W REFLEX	Gold 5 ml SST Preferred specimen 0.5 mL Minimum volume 0.2 mL PATIENT PREPARATION: Overnight fast preferred If the test is positive a titer will be performed automatically	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	QUEST	1	GOLD
ANTIBODY SCREEN	Pink 6ml EDTA preferred Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Store and ship at room temperature or refrigerated up to 72 hours	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1 1	PINK EDTA PINK EDTA PINK EDTA
ANTIBODY SCREEN	Pink 6ml EDTA preferred Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Stable refrigerated up to 72 hours.	Routine	1-7	Days	GCL BLOOD BANK CH BLOOD BANK TCH BLOOD BANK TMH BLOOD BANK	1 1 1 1	PINK EDTA PINK EDTA PINK EDTA PINK EDTA
ANTIBODY TITER	Pink 6ml EDTA preferred Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Store and ship at room temperature or refrigerated up to 72 hours	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	PINK EDTA PINK EDTA
ANTIBODY TITER	Pink 6ml EDTA preferred Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Store and ship at room temperature or refrigerated up to 72 hours	Routine	1-7	Days	GCL BLOOD BANK	1	PINK EDTA
ANTIMITOCHONDRIAL AB	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine STAT	7 7	Days Days	GUTHRIE CLINIC LAB	1	GOLD
ANTIMITOCHONDRIAL AB (REF LAB)	Gold 5 ml SST Quest; preferred specimen 0.5 mL Minimum volume 0.1 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.3 mL	Spin and do not separate. Store and transport refrigerated.	Routine		Days	LABCORP QUEST	1 1	GOLD GOLD
ANTI-MULLERIAN HORMONE (LC)	1 ml serum in Red top tube Minimum volume 0.2 mL	Spin and separate into a plastic transport tube. Store and transport FROZEN	Routine	1	Weeks	LABCORP	1	RED
ANTI-MULLERIAN HORMONE FEMALE	1 mL serum in Red-top tube	Spin and separate into a plastic transport tube. Store and transport refrigerated.	Routine	6	Days	QUEST	1	RED
ANTI-MULLERIAN HORMONE MALE	1 mL serum in Red-top tube	Spin and separate into a plastic transport tube. Store and transport refrigerated.	Routine	6	Days	QUEST	1	RED

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ANTI-PARIETAL CELL AB	Gold 5 ml SST Quest; preferred specimen 0.5 mL Minimum volume 0.1 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.3 mL	Spin and do not separate. Store and transport refrigerated. Avoid hemolysis If test is positive a titer will be performed automatically	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ANTIPHOSPHOLIPID AB PANEL	2 Blue 2.7 ml Sodium Citrate Quest; Preferred specimen 3 mL Minimum volume 2 mL	Centrifuge test tube for 15 minutes within 60 minutes of collection Using a plastic pipet, remove plasma avoiding WBC/platelet buffy layer Place plasma into a plastic vial and centrifuge a SECOND time Transfer platelet-poor plasma into a new plastic vial. Store and transport refrigerated.	Routine	1-7	Days	QUEST	2	BLUE CITRATE - PLASMA
ANTI-SMOOTH MUSCLE ANTIBODY	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine STAT	7 7	Days Days	GUTHRIE CLINIC LAB	1	GOLD
ANTI-SMOOTH MUSCLE ANTIBODY (REF LAB)	Gold 5 ml SST Quest; preferred specimen 0.5 mL Minimum volume 0.1 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.3 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ANTISTREPTOLYSIN O SCREEN	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	CORNING HOSPITAL LAB QUEST	1 1	GOLD GOLD

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ANTITHROMBIN	Blue Citrate 2.7 ml Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times.	Separate and ship Frozen Samples are kept at room temperature and centrifuged to obtain platelet poor plasma within four hours of collection. The centrifuged sample must be tested within 4 hours of collection. If testing is delayed more than 4 hours, separate the platelet poor plasma into a labeled polypropylene tube and freeze. Spin time to obtain platelet poor plasma depends on the centrifuge speed. RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 5100 5 minutes 5100 - 7100 3 minutes	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	BLUE CITRATE 2.7 ML
ANTITHROMBIN (REF LAB)	Blue Citrate 2.7 ml Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times.	Separate and ship Frozen Centrifuge light blue-top tube for 15 minutes at approximately 1500 g within 60 minutes of collection. Using a plastic pipette, remove plasma, taking care to avoid the WBC/platelet buffy layer and place into a plastic vial. Centrifuge a second time and transfer platelet poor plasma into a new plastic vial Spin time to obtain platelet poor plasma depends on the centrifuge speed. RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 4000 6 minutes 5100 - 7100 3 minutes	Routine	1-7	Days	LABCORP QUEST	1 1	BLUE CITRATE 2.7 ML BLUE CITRATE FROZEN BLUE CITRATE 2.7 ML BLUE CITRATE FROZEN

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AP/SURGICAL SPECIMEN LABEL	<p>Surgical/anatomic pathology services are provided by the Guthrie Clinic Laboratory and Corning Hospital Laboratory. The Anatomic Pathology department is open Monday through Friday, 8 a.m. to 5 p.m. All specimens picked up or received after 4 p.m. or on weekends are processed the next working day. A pathologist on-call can be contacted through the Guthrie telephone operator.</p> <p>Immediately place biopsy specimen in a tightly secured container with 10% neutral buffered formalin. Sample must be completely submerged in formalin, do not allow the specimen to dry. Use a separate container for each separately identified specimen. Do not force a large specimen into a small container. Formalin must surround the tissue. Label samples noting the site and source of each specimen. Ink pens, not markers, must be used to complete the labels. Formalin washes away writing performed with marker. Place the labels on the body of each container; labeling the lids is unacceptable.</p> <p>Site and Source Example: Site, where the specimen was removed (left foot) Source, what the specimen is (mole, lesion, CSF)</p>	Store and transport at room temperature	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1	AP1
APC RESISTANCE	<p>Blue 2.7 ml Sodium Citrate Patient Preparation: Patient must be at rest for 10 minutes prior to specimen collection</p> <p>Preferred specimen; 2 mL</p> <p>Minimum volume 1 mL</p>	Spin and separate into plastic vial. FREEZE. Transport FROZEN sample from regional office on dry ice. Hemolyzed samples will be rejected.	Routine	1-7	Days	LABCORP QUEST	1 1	BLUE CITRATE 2.7 ML BLUE CITRATE 2.7 ML
APOLIPOPROTEIN A1	<p>Gold 5 ml SST</p> <p>Quest; preferred specimen 1 mL</p> <p>Minimum volume 0.5 mL</p> <p>Lab Corp; preferred specimen 2 mL</p> <p>Minimum volume 2 mL</p>	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
APOLIPOPROTEIN A1 AND B	<p>Gold 5 ml SST</p> <p>Quest; preferred specimen 1 mL</p> <p>Minimum volume 0.5 mL</p> <p>Lab Corp; preferred specimen 4 mL</p> <p>Minimum volume 4 mL</p>	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
APOLIPOPROTEIN B	<p>Gold 5 ml SST</p> <p>Quest; preferred specimen 1 mL</p> <p>Minimum volume 0.5 mL</p> <p>Lab Corp; preferred specimen 2 mL</p> <p>Minimum volume 2 mL</p>	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
APTEM (ROTEM)	<p>Blue Citrate 2.7 ml</p> <p>DO NOT collect in same container with Protime/PTT</p>	Do Not Spin-Whole Blood Room Temperature	STAT	1-7	Minutes	GUTHRIE CLINIC LAB	1	BLUE CITRATE 2.7 ML (ROTEM)

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
APTT	Blue Citrate 2.7 ml Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times.	Sample is stable 4 hrs at ROOM TEMPERATURE. Samples are kept at room temperature and centrifuged to obtain platelet poor plasma within one hour of collection. The centrifuged sample must be tested within 4 hours of collection. If testing is delayed more than 4 hours, separate the platelet poor plasma into a labeled polypropylene tube and freeze. Spin time to obtain platelet poor plasma depends on the centrifuge speed. RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 5100 5 minutes 5100 - 7100 3 minutes	STAT	1-7	Minutes	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	BLUE CITRATE FROZEN BLUE CITRATE 2.7 ML BLUE CITRATE 2.7 ML BLUE CITRATE 2.7 ML BLUE CITRATE 2.7 ML BLUE CITRATE FROZEN
ARBOVIRUS PANEL, IGM	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.2 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ARGININE VASOPRESSIN	Lavender 3 ml EDTA (2 tubes) Collect sample in pre-chilled EDTA tubes. Quest; preferred specimen 4 mL Minimum volume 2.5 mL Lab Corp; preferred specimen 2 mL Minimum volume 2 mL	Spin and separate plasma IMMEDIATELY into two 2 ml aliquots. FREEZE. Transport on dry ice.	Routine	1-7	Days	LABCORP QUEST	2 2	LAVENDAR EDTA LAVENDAR EDTA
ARSENIC 24 HOUR URINE	24 Hour Urine Acid Washed Container (Trace Element/Heavy Metal testing) PATIENT PREPARATION: Patient should refrain from eating seafood and taking herbal supplements at least 3 days prior to sample collection. Quest; preferred specimen 7 mL Minimum volume 3 mL Lab Corp; preferred specimen 5 mL Minimum volume 2.5 mL	Store and transport sample refrigerated. Send entire container to lab.	Routine	1-7	Days	LABCORP QUEST	1 1	24 HR URINE CONTAINER ACID WASHED 24 HR URINE CONTAINER ACID WASHED
ARSENIC,BLOOD	Royal Dark Blue 6 ml EDTA Trace Metal PATIENT PREPARATION: Patient should refrain from eating seafood and taking herbal supplements for at least 3 days before specimen collection. Quest; preferred sample 4 mL Minimum volume 2 mL Lab Corp; preferred volume 2 mL Minimum volume 0.6 mL	To avoid contamination, use powder-free gloves. Do not spin or separate. Whole blood required Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	ROYAL BLUE EDTA WHOLE BLD ROYAL BLUE EDTA WHOLE BLD

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
ARTERIAL CORD BLOOD GAS CH	Anaerobic sample that is obtained in a heparinized blood gas syringe.	Transport in a biohazard bag at room temperature and analyze within 60 minutes of collection.	Routine	1-7	Days	CORNING HOSPITAL LAB	1	STERILE SYRINGE
ARTERIAL CORD BLOOD GAS RPH	Anaerobic sample that is obtained in a heparinized blood gas syringe.	Sample is transported to ABG lab in a rigid container with a lid. If sent in the pneumatic tube system, the sample must be placed in a biohazard bag. Specimens are analyzed within 60 minutes of collection.	Routine	1-7	Days	RPH RT LAB	1	STERILE SYRINGE
ARYLSULFATASE A, URINE	Urine Container Plain, Random	Collect 20ml of urine. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER
ASPERGILLUS ABS	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.1 mL Lab Corp; preferred specimen 1 mL Minimum volume 1 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ASPIRIN PF (PLATELET FUNCTION)	SAMPLES ARE NOT SENT TO THE LAB THROUGH THE PNEUMATIC TUBE SYSTEM. Test Cannot be collected at Satellite Offices. Collection tube is a SPECIAL DRAW blue sodium citrate tube that is filled to the fill line. Call lab to supply collection tube. Use a 21 gauge or larger needle. Collect blood from a venous site. Obtain sample from an extremity free of peripheral venous infusions. Collect a discard tube, approximately 2 ml. This can be any tube except EDTA. Fill the second tube to the black line. Do not under fill. Gently invert to mix. If necessary, blood may be drawn from indwelling catheters following proper blood collection protocol. Avoid contamination with EDTA. Samples are stable for 4 hours at room temperature.	Keep samples at room temperature. Do not centrifuge, separate, freeze or refrigerate.	Routine STAT	4 4	Hours Hours	GUTHRIE CLINIC LAB	1	OTHER
AST (SGOT)	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
B CELL RECEPTOR IGH GENE REARR	2 Lavender 3 ml EDTA Quest; preferred specimen 5 mL Minimum volume 3 mL Lab Corp; preferred specimen 3-5 mL Minimum volume 0.5 mL	Do not spin or separate. Whole blood required Store and transport refrigerated	Routine		Days	LABCORP QUEST	2 2	LAVENDAR EDTA LAVENDAR EDTA
B NATRIURETIC PEPTIDE (TOWANDA)	Lavender EDTA tube	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	TOWANDA HOSPITAL LAB	1	LAVENDAR EDTA

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
B PERTUSSIS / PARAPERTUSSIS PCR	<p>NOTE: If patient is insured through United Health Care please call the Laboratory Send Out Department prior to specimen collection.</p> <p>Quest: Collect specimen in Blue-Top COPAN Liquid AMIES swab (NOT the blue top swab with charcoal). This is not the routine Green-Top mini-tip in Stuarts medium.</p> <p>***Routine Green Mini-Tip Nasopharyngeal swabs are UNACCEPTABLE for Bordetella testing***</p> <p>VCM Nasopharyngeal kits, Quest eSwabs, collection kits using Amies liquid, M4, VCM/UTM are also acceptable. Swab tips may be polyester, rayon, nylon flocked. Flexible shafts must be used for proper collection.</p> <p>REJECTION CRITERIA: Collection tubes with Amies gel or charcoal containing media; samples collected using cotton or calcium alginate tipped swabs; rigid shaft swabs</p> <p>SPECIMEN COLLECTION for PCR</p> <ol style="list-style-type: none"> 1. Remove excess secretions from anterior nares. 2. Gently pass swab through the nose and into the nasopharynx. Rotate swab on the nasopharyngeal membrane and allow the swab to remain in place 10-15 seconds to absorb organisms. 3. Remove swab and place into transport container (VCM or M4) immediately. Label samples noting a source of nasopharyngeal. 	Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	CALL LAB AMIES MEDIA NO CHARCOAL (BLUE TOP) V-C-M GREEN
BABESIA MICROTI ANTIBODIES (IGG, IGM), IFA	<p>Quest; gold tube</p> <p>Preferred specimen 1 mL serum</p> <p>Minimum volume 0.1 mL</p> <p>Lab Corp; gold tube</p> <p>Preferred specimen 1 mL</p> <p>Minimum volume 0.2 mL</p>	Spin and do not separate. Store and transport refrigerated.	Routine	4	Days	LABCORP QUEST	1 1	GOLD GOLD
BABESIA MICROTI DNA, REAL-TIME PCR	<p>Quest: lavender tube</p> <p>Preferred specimen 0.7 mL</p> <p>Minimum volume 0.3 mL</p> <p>L abCorp: lavender tube</p> <p>Preferred specimen 0.5mL</p> <p>Minimum volume 0.2 mL</p>	Store and transport refrigerated.	Routine	4	Days	LABCORP QUEST	1 1	LAVENDAR EDTA LAVENDAR EDTA
BACTERIA CULTURE, ANAEROBIC	<p>All ANAEROBIC cultures will have an AEROBIC culture performed automatically. ACCEPTABLE SPECIMENS for ANAEROBIC CULTURE: see individual culture & sensitivity source listing for further instruction. •chAbscess aspirates •Blood Culture •Body fluids •Bone •Bone Marrow Core Samples •Bronchial brush •CSF (cerebrospinal fluid) •Deep wounds •Genital specimens from culdocentesis or abscess •Suprapubic bladder aspiration •Tissue •Transtracheal aspiration</p>	If using ESwab refrigerate (4-8°C) or RT (20-25°C) <=48hrs, otherwise RT <=24hours	Routine Routine Routine	5 5 5	Days Days Days	GUTHRIE CLINIC LAB	1	ESwab Regular Collection Kit STERILE CONTAINER STERILE CUP STERILE SYRINGE
BARBITURATES, URINE CONF	<p>10 ml urine collected in a urine container with temperature strip</p> <p>Quest; preferred specimen 30 mL</p> <p>Minimum volume 7 mL</p> <p>Lab Corp; preferred specimen 20 mL</p> <p>Minimum volume 7 mL</p>	Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CUP STERILE CONTAINER STERILE CUP

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BARIUM, SERUM	Royal Dark Blue 6 ml No Additive SERUM Trace Metal Alternate Sample: 1 ml of plasma collected in a Royal Blue Trace Element EDTA tube SST-serum separator tubes are unacceptable. Quest; preferred specimen 1 mL Minimum volume 0.4 mL Lab Corp; preferred specimen 2 mL Minimum volume 0.5 mL	Spin and separate serum into a trace element container. DO NOT use a pipet. Serum must be carefully poured off to avoid trace element contamination. Store and transport refrigerated. Sample is stable up to 14 days	Routine	1-7	Days	LABCORP QUEST	1 1	ROYAL BLUE TRACE ELEMENT 7 ML ROYAL BLUE EDTA PLASMA ROYAL BLUE TRACE ELEMENT 7 ML ROYAL BLUE EDTA PLASMA
BARTONELLA SPECIES ANTIBODIES (IGG, IGM) WITH TITER	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.2 mL Lab Corp; preferred specimen 2 mL Minimum volume 1 mL	Spin and do not separate. Store and transport refrigerated If the antibody screen is positive, a titer is performed automatically	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
BASIC METABOLIC PANEL	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
BASIC METABOLIC PANEL W/REFLEX MAGNESIUM	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
BCR-ABL1 GENE REARRANGEMENT, PCR	Lavender 3 ml EDTA (2 tubes) Quest; preferred specimen 6 mL Minimum volume 4 mL Lab Corp; preferred specimen 3-5 mL Minimum volume 1 mL	After collection of the sample, draw date and time, as well as sample type, must be written on the tube and included as requested information. Ship sample immediately due to the short stability of 72 hours Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	2 2	LAVENDAR EDTA LAVENDAR EDTA
BENZODIAZEPINE CONF, SERUM	Quest: Red 10 ml Clot Tube Labcorp: 7 ml whole blood in gray top tube Quest; preferred specimen 4 mL Minimum volume 2 mL Lab Corp; preferred specimen 3 mL Minimum volume 1 mL	Quest: Spin and separate into plastic vial. Store and transport refrigerated Labcorp: Do not spin or separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	2 1	GRAY RED GREEN TOP-NAHEP
BENZODIAZEPINE, URINE CONF	10 ml urine collected in a urine container with temperature strip Quest; preferred specimen 30 mL Minimum volume 7 mL Lab Corp; preferred specimen 20 mL Minimum volume 7 mL	Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CUP STERILE CONTAINER STERILE CUP

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BETA 2 GLYCOPROTEIN AB IGA	QUEST: Blue 2.7 ml Sodium Citrate Preferred specimen 1 mL Minimum volume 0.5ml plasma LABCORP: Mustard 5ml SST Spin and do not separate. Store and transport refrigerated Preferred specimen 2 mL Minimum volume: 1ml serum	QUEST: Centrifuge test tube for 15 minutes within 60 minutes of collection. Using a plastic pipet, remove plasma avoiding WBC/platelet buffy layer Place plasma into a plastic vial and centrifuge a SECOND time Transfer platelet-poor plasma into a new plastic vial. FREEZE immediately Store and transport frozen sample on dry ice. LABCORP: Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD BLUE CITRATE 2.7 ML
BETA 2 GLYCOPROTEIN AB IGG	QUEST: Blue 2.7 ml Sodium Citrate Preferred specimen 1 mL Minimum volume 0.5 mL plasma LABCORP:Gold 5ml SST Spin and do not separate. Store and transport refrigerated Preferred specimen 2 mL Minimum volume: 1ml serum	QUEST: Centrifuge test tube for 15 minutes within 60 minutes of collection. Using a plastic pipet, remove plasma avoiding WBC/platelet buffy layer Place plasma into a plastic vial and centrifuge a SECOND time Transfer platelet-poor plasma into a new plastic vial. FREEZE immediately Store and transport frozen sample on dry ice. LABCORP: Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD BLUE CITRATE 2.7 ML
BETA 2 GLYCOPROTEIN AB IGM	QUEST: Blue 2.7 ml Sodium Citrate Preferred specimen 1 mL Minimum volume 0.5 mL plasma LABCORP: Mustard 5ml SST Spin and do not separate. Store and transport refrigerated Preferred specimen 2 mL Minimum volume: 1ml serum	QUEST: Centrifuge test tube for 15 minutes within 60 minutes of collection. Using a plastic pipet, remove plasma avoiding WBC/platelet buffy layer Place plasma into a plastic vial and centrifuge a SECOND time Transfer platelet-poor plasma into a new plastic vial. FREEZE immediately Store and transport frozen sample on dry ice. LABCORP: Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD BLUE CITRATE 2.7 ML

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
BETA 2 GLYCOPROTEIN ABS	QUEST: 2 Blue 2.7 ml Sodium Citrate Preferred specimen 3 mL Minimum volume 1.5 ml plasma LABCORP: Mustard 5ml SST Spin and do not separate. Store and transport refrigerated. Preferred specimen 2 mL Minimum volume: 1 mL serum	QUEST: Centrifuge test tube for 15 minutes within 60 minutes of collection. Using a plastic pipet, remove plasma avoiding WBC/platelet buffy layer Place plasma into a plastic vial and centrifuge a SECOND time Transfer platelet-poor plasma into a new plastic vial. FREEZE immediately Store and transport frozen sample on dry ice. LABCORP: Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 2	GOLD BLUE CITRATE 2.7 ML
BETA 2 MICROGLOBULIN	Gold 5 ml SST PATIENT PREPARATION: Overnight fast is preferred Quest; preferred specimen 1 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 0.5 mL Minimum volume 0.3 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
BETA 2 MICROGLOBULIN, URINE	Sterile Container PATIENT PREPARATION: Patient should void bladder, then drink at least 500 ml of water. A urine sample should be collected within 1 hour. Quest; preferred specimen 1 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 10 mL Minimum volume 1 mL	Store and transport urine refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER
BETA HYDROXYBUTYRATE	Quest: Gold tube Preferred specimen 1 mL Minimum volume 0.3 mL Labcorp: Plain red tube. Patient should be fasting	Quest: Store and transport refrigerated Labcorp: Spin and separate into plastic transport tube. Store and transport frozen.	Routine	5	Days	LABCORP QUEST	1 1	RED GOLD GOLD
BILE ACIDS, TOTAL & FRACTIONATED	Gold 5 ml SST PATIENT PREPARATION: Overnight fast preferred Panel includes: Total bile acids, Cholic acid, Deoxycholic acid and Chenodeoxycholic acid Quest; preferred specimen 1 mL Minimum volume 0.2 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.3 mL	Spin and separate into a plastic vial. FREEZE serum. Transport frozen sample on dry ice. QUEST: accepts specimens stored at Room Temp, Refrigerated or Frozen LABCORP: requires samples to be Frozen	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
BILIRUBIN BODY FLUID	1 mL fluid in sterile container. List specimen SOURCE on the container.	Send to Mayo lab - if not ordering electronically, complete, print, and send a Gastroenterology and Hepatology Test Request Form (T728) Centrifuge, separate supernatant, and transfer to opaque/amber vials. Send both supernatant and sediment. Label specimens as sediment and supernatant. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	STERILE CONTAINER STERILE CONTAINER STERILE CONTAINER STERILE CONTAINER

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
BILIRUBIN DIRECT	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
BILIRUBIN NEONATAL	Lt Green 4.5 ml PST Protect from light.	Protect from light. Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1 1	LITHIUM HEPARIN AMBER SST MICROTAINER GREEN LIHEP PST GOLD RED RED 5 ML RED, SST MICROTAINER LITHIUM HEPARIN AMBER SST MICROTAINER GREEN LIHEP PST GOLD RED RED, SST MICROTAINER LITHIUM HEPARIN AMBER SST MICROTAINER GREEN LIHEP PST GOLD RED RED 5 ML RED, SST MICROTAINER
BILIRUBIN NEONATAL	Lithium Heparin Amber SST Microtainer Protect from light.	Protect from light. Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED LITHIUM HEPARIN AMBER SST MICROTAINER RED LITHIUM HEPARIN AMBER SST MICROTAINER GREEN LIHEP PST GOLD GREEN LIHEP PST RED GOLD LITHIUM HEPARIN AMBER SST MICROTAINER GREEN LIHEP PST GOLD RED
BILIRUBIN TOTAL	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
BK VIRUS, DNA, QUANTITATIVE	Lavender 3 ml EDTA or Gold SST Quest; preferred specimen 0.7 mL Minimum volume 0.3 mL Lab Corp; preferred specimen 2 mL Minimum volume 0.5 mL	Plasma: Collect blood in sterile tubes containing EDTA as an anticoagulant, or in Plasma Preparation Tube (PPT). Collect whole blood at room temperature and separate plasma from cells within 2 hours of collection. Transfer plasma to sterile, plastic, screw-cap aliquot tubes. Freeze and ship frozen. Serum: Collect blood in sterile tubes with no anticoagulants; Serum Separator Tubes (SST @s) are recommended. Allow blood to clot at room temperature and separate serum within 1 hour of collection. Transfer serum to sterile, plastic, screw-cap aliquot tubes. Freeze and ship frozen.	Routine	1-7	Days	LABCORP QUEST	1 1	LAVENDAR FROZEN GOLD LAVENDAR FROZEN GOLD
BK VIRUS, DNA, URINE, QUANTITATIVE	Random urine collection Quest; preferred specimen 0.7 mL Minimum volume 0.3 mL Lab Corp; preferred specimen 2 mL Minimum volume 0.5 mL	Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER
BLASTOMYCES ANTIBODY, ID	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.1 mL Lab Corp; preferred specimen 0.6 mL Minimum volume 0.3 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
BLOOD CULTURE	PROCEDURE: BACTERIAL AEROBIC CULTURE (C BLD) BACTERIAL ANAEROBIC CULTURE (C BLD) 1. Disinfect blood culture bottles by rubbing stoppers with 70% alcohol and allowing it to dry. 2. Palpate for vein and mark with fingernail impression. 3. Using Chloraprep One-Step Kit, pinch the wings on the applicator to break the ampule. Do not touch sponge. Wet the sponge by repeatedly pressing and releasing the sponge against the treatment area until liquid is visible on the skin. Scrub the venipuncture site for 2 minutes with the alcohol sponge and allow to dry for 1 minute. Discard sponge. 4. Perform venipuncture using a vacutainer safety lok butterfly needle. DO NOT repalpate the venipuncture site. Collect 20 ml of blood (if an adult patient), 10 ml of blood (if a pediatric patient weighing 30-80 lbs). 5. Inoculate blood cultures bottles in the following order: aerobic, anaerobic, (if ordered) and any other blood work is collected last. See below for inoculation volumes. 6. Multiple blood culture sets may be collected at the same time from separate venipuncture sites. 7. Mix bottles. 8. Label samples noting blood culture set number (i.e. set 1, set 2), site of collection and source if other than blood (peritoneal fluid, pericardial fluid).	Store and transport samples at room temperature. DO NOT REFRIGERATE.	Routine Routine Routine	5 5 5	Days Days Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	2 1 2	BACTEC ANAEROBIC VIAL BACTEC AEROBIC VIAL BACTEC PEDS BLOOD CULTURE BLOOD CULTURE VIALS BACTEC AEROBIC VIAL BACTEC ANAEROBIC VIAL BACTEC PEDS BLOOD CULTURE BACTEC AEROBIC VIAL BACTEC ANAEROBIC VIAL BACTEC PEDS BLOOD CULTURE BLOOD CULTURE VIALS

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2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
BLOOD CULTURE ANAEROBIC-INACTIVE	<p>PROCEDURE: BACTERIAL AEROBIC CULTURE (C BLD) BACTERIAL ANAEROBIC CULTURE (C BLD)</p> <ol style="list-style-type: none"> 1. Disinfect blood culture bottles by rubbing stoppers with 70% alcohol and allowing it to dry. 2. Palpate for vein and mark with fingernail impression. 3. Using Chloraprep One-Step Kit, pinch the wings on the applicator to break the ampule. Do not touch sponge. Wet the sponge by repeatedly pressing and releasing the sponge against the treatment area until liquid is visible on the skin. Scrub the venipuncture site for 2 minutes with the alcohol sponge and allow to dry for 1 minute. Discard sponge. 4. Perform venipuncture using a vacutainer safety lok butterfly needle. DO NOT repalpate the venipuncture site. Collect 20 ml of blood (if an adult patient), 10 ml of blood (if a pediatric patient weighing 30-80 lbs). 5. Inoculate blood cultures bottles in the following order: aerobic, anaerobic, (if ordered) and any other blood work is collected last. See below for inoculation volumes. 6. Multiple blood culture sets may be collected at the same time from separate venipuncture sites. 7. Mix bottles. 8. Label samples noting blood culture set number (i.e. set 1, set 2), site of collection and source if other than blood (peritoneal fluid, pericardial fluid). 	Store and transport samples at room temperature. DO NOT REFRIGERATE.	Routine Routine Routine STAT STAT	5 5 5 5 5	Days Days Days Days Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1 1	BACTEC ANAEROBIC VIAL BACTEC ANAEROBIC VIAL BACTEC ANAEROBIC VIAL
BLOOD CULTURE PEDIATRIC	<p>PROCEDURE: BACTERIAL AEROBIC CULTURE (C BLD) BACTERIAL ANAEROBIC CULTURE (C BLD)</p> <ol style="list-style-type: none"> 1. Disinfect blood culture bottles by rubbing stoppers with 70% alcohol and allowing it to dry. 2. Palpate for vein and mark with fingernail impression. 3. Using Chloraprep One-Step Kit, pinch the wings on the applicator to break the ampule. Do not touch sponge. Wet the sponge by repeatedly pressing and releasing the sponge against the treatment area until liquid is visible on the skin. Scrub the venipuncture site for 2 minutes with the alcohol sponge and allow to dry for 1 minute. Discard sponge. 4. Perform venipuncture using a vacutainer safety lok butterfly needle. DO NOT repalpate the venipuncture site. Refer to blood culture phlebotomy protocol 708-0006 for appropriate pediatric volumes to draw. 5. Inoculate blood cultures bottles in the following order: aerobic, anaerobic, (if ordered) and any other blood work is collected last. See below for inoculation volumes. 6. Multiple blood culture sets may be collected at the same time from separate venipuncture sites. 7. Mix bottles. 8. Label samples noting blood culture set number (i.e. set 1, set 2), and site of collection (peripheral or indicate which line) 	Store and transport samples at room temperature. DO NOT REFRIGERATE.	Routine Routine Routine Routine STAT STAT STAT	5 5 5 5 5 5 5	Days Days Days Days Days Days Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	BACTEC PEDS BLOOD CULTURE BACTEC PEDS BLOOD CULTURE BACTEC PEDS BLOOD CULTURE BACTEC PEDS BLOOD CULTURE
BLOOD CULTURE, TROY			Routine	1-7	Days	TROY HOSPITAL LAB	1	BLOOD CULTURE VIALS

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
BLOOD DRAW FOR CSF/BLOOD PANELS	Gold SST tube - 2 tubes required for MS2 panel, others require 1 tube This test is for blood draws for the Multiple Sclerosis 2 Panel, Oligoclonal Bands and IgG Index/Synthesis Rate.	Spin and do not separate. Store and transport refrigerated. Create aliquots on the CSF specimens and label blood specimens with aliquot labels. Send to reference lab along with CSF specimens.	Routine	1-7	Days	GUTHRIE CLINIC LAB GUTHRIE CLINIC LAB CORNING HOSPITAL LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB TOWANDA HOSPITAL LAB	1 2 1 2 1 2 1 2	GOLD/CSF 2 GOLD/CSF GOLD/CSF 2 GOLD/CSF GOLD/CSF 2 GOLD/CSF GOLD/CSF 2 GOLD/CSF
BLOOD UREA NITROGEN	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
BODY FLUID CELL COUNT	Lavendar EDTA Label specimen with SOURCE.	Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	LAVENDAR EDTA LAVENDAR EDTA
BODY FLUID CULTURE (C BFC)	Disinfect overlying skin with 2% iodine. 2. Obtain specimen by needle aspiration or surgery. 3. BACTERIAL AEROBIC CULTURE: place fluid into sterile container or aerobic blood culture bottle. 4. BACTERIAL ANAEROBIC CULTURE: use anaerobic transport system or place in both aerobic AND anaerobic blood culture bottles. Amniotic and culdocentesis fluids should be collected into an anaerobic system. 5. FUNGAL CULTURE: place fluid into sterile container or aerobic blood culture bottle. 6. Label samples noting the specimen source.	Store and transport at room temp up to 24 hours. DO NOT refrigerate. Swabs dipped in fluid are NOT acceptable, submit as much fluid as possible.	Routine	72	Hours	GUTHRIE CLINIC LAB	1	BACTEC AEROBIC VIAL BACTEC ANAEROBIC VIAL
BODY FLUID CULTURE (C&S)	1. Disinfect overlying skin with 2% iodine. 2. Obtain specimen by needle aspiration or surgery. 3. BACTERIAL AEROBIC CULTURE: place fluid into sterile container or aerobic blood culture bottle. 4. BACTERIAL ANAEROBIC CULTURE: use anaerobic transport system or place in both aerobic AND anaerobic blood culture bottles. Amniotic and culdocentesis fluids should be collected into an anaerobic system. 5. FUNGAL CULTURE: place fluid into sterile container or aerobic blood culture bottle. 6. Label samples noting the specimen source.	Store and transport at room temp up to 24 hours. DO NOT refrigerate. Swabs dipped in fluid are NOT acceptable, submit as much fluid as possible.	Routine Routine Routine	72 72 72	Hours Hours Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	STERILE CONTAINER COLLECTOR, SPECIMEN ANAEROBIC STERILE CONTAINER COLLECTOR, SPECIMEN ANAEROBIC
BODY FLUID CULTURE W/GS	1. Disinfect overlying skin with 2% iodine tincture. 2. Obtain specimen via percutaneous needle aspiration or surgery. 3. Transport specimen to lab immediately. 4. Always submit as much fluid as possible; do not submit swab dipped in fluid. Reference Range: No aerobic growth Rejection Criteria: Improper specimen collection, storage, and transport	<= 24 hours Room Temperature	Routine Routine Routine	72 72 72	Hours Hours Hours	GUTHRIE CLINIC LAB	1	STERILE CONTAINER STERILE SYRINGE STERILE SWAB COLLECTOR, SPECIMEN ANAEROBIC
BONE MARROW DIFFERENTIAL	Lavendar EDTA	Store and transport room temperature	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	LAVENDAR EDTA

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
BORDETELLA PERTUSSIS ANTIBODY, IGG	Gold 5 ml SST Quest; preferred specimen 0.5 mL Minimum volume 0.25 mL Lab Corp; preferred specimen 0.4 mL Minimum volume 0.2 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
BORDETELLA PERTUSSIS CULTURE	NOTE: If patient is insured through United Health Care please call the Laboratory Send Out Department prior to specimen collection. PCR: (preferred method, reference lab) Call the Microbiology department x-5097 for a special Green-Top COPAN AMIES swab. This is not the routine Green-Top mini-tip in Stuarts medium. ***Routine Green Mini-Tip Nasopharyngeal swabs are UNACCEPTABLE for Bordetella testing*** CULTURE: (performed at Guthrie) Call the Microbiology department x-5097 for a Blue-Top AMIES swab with charcoal medium.	Swab must be received in 24 hours for culture. Store and transport at ROOM TEMPERATURE. Bordetella cultures must be received within 24 hours. PCR samples are stable up to 7 days. Rejection Criteria: * Expired transport device * Received frozen * Source other than NP * Specimen collected on swabs other than Aimes gel with charcoal	Routine	2	Weeks	GUTHRIE CLINIC LAB	1	AMIES MEDIA WITH CHARCOAL (BLUE TOP)
BRAIN NATRIURETIC PEPTIDE	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
BRCVANTAGE ASHKENAZI JEWISH SCREEN	2 Lav EDTA tubes A signed informed consent form is required to perform testing. Labcorp: BRCAssure clinical questionnaire should be submitted with specimens. Contact CMBP genetics services at 800-345-4363 to coordinate testing.	Do not spin or separate - whole blood required. Store and transport at room temp	Routine	16	Days	LABCORP QUEST	2 2	LAVENDAR EDTA LAVENDAR EDTA
BRCVANTAGE COMPREHENSIVE	2 Lav EDTA tubes A signed informed consent form is required to perform testing. Labcorp: BRCAssure clinical questionnaire should be submitted with specimens. Contact CMBP genetics services at 800-345-4363 to coordinate testing.	Do not spin or separate - whole blood required. Store and transport at room temp	Routine	1-7	Days	LABCORP QUEST	2 2	LAVENDAR EDTA LAVENDAR EDTA
BREATH ALCOHOL CONFIRMATION	Refer to Breath Alcohol and Drug Testing Manual for collection steps. Performed by Certified Techs only. Not performed in Regional Offices	No shipping - must be performed on site	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	OTHER OTHER OTHER OTHER
BREATH ALCOHOL SCREEN	Refer to Breath Alcohol and Drug Testing Manual for collection steps. Performed by Certified Techs only.	No shipping - must be performed on site	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	OTHER OTHER OTHER OTHER
BROMIDE,SERUM	Red 4 ml Clot Tube SST tubes are unacceptable Preferred volume; 1 mL Minimum volume 0.3 mL	Spin and separate into a plastic vial. Store and transport refrigerated	Routine	1-7	Days	QUEST	1	RED

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BRONCHIAL BRUSH CULTURE	1. Place brush in 1 mL of saline Reference Range: No aerobic growth Rejection Criteria: *Source other than bronchial brushings *Improper specimen collection, storage, and transport	Store and transport refrigerated up to 24 hours.	Routine Routine Routine	72 72 72	Hours Hours Hours	GUTHRIE CLINIC LAB	1	STERILE CONTAINER
BRONCHIAL LAVAGE CULTURE (C&S)	Sterile Container Reference range: No aerobic growth Rejection Criteria: *Source other than bronchial lavage *Improper specimen collection, storage, and transport	BRONCH LAVAGE/WASH or TRACHEAL ASPIRATE: 1. BACTERIAL AEROBIC CULTURE and/or FUNGAL CULTURE: Collect bronchoscopy or tracheal aspirations avoiding contamination by oropharyngeal flora. 2. Place bronch lavage in sputum trap or sterile container. 3. Label sample noting the sample source. 4. Store and transport specimen refrigerated up to 24 hours.	Routine	72	Hours	GUTHRIE CLINIC LAB	1	STERILE CUP STERILE CONTAINER
BRONCHIAL LAVAGE CULTURE W/GRAM STAIN	1. BACTERIAL AEROBIC CULTURE and/or FUNGAL CULTURE: Collect specimen avoiding contamination by oropharyngeal flora. 2. Place bronch lavage in sputum trap or sterile container. 3. Label sample noting the sample source. Reference range: No aerobic growth Rejection Criteria: Source other than bronchial lavage Improper specimen collection, storage, and transport	Store and transport specimen refrigerated up to 24 hours.	Routine Routine Routine	72 72 72	Hours Hours Hours	GUTHRIE CLINIC LAB	1	STERILE CONTAINER
BRONCHIAL WASH CULTURE	1. BACTERIAL AEROBIC CULTURE and/or FUNGAL CULTURE: Collect bronchoscopy or tracheal aspirations avoiding contamination by oropharyngeal flora. 2. Place aspirate, bronch lavage or washing in sputum trap or sterile container. 3. Label sample noting the sample source.	Store and transport specimen refrigerated up to 24 hours.	Routine Routine Routine	72 72 72	Hours Hours Hours	GUTHRIE CLINIC LAB	1	STERILE CONTAINER
BRONCHIAL WASH CULTURE W/GR	{\rtf1\ansi\deflang1033\ftnbj{\fonttbl{\f0 \modern \charset0 Arial;}}\plain\fs20 1. BACTERIAL AEROBIC CULTURE and/or FUNGAL CULTURE: Collect specimen avoiding contamination by oropharyngeal flora.\par 2. Place bronch washing in sputum trap or sterile container.\par 3. Label sample noting the sample source.\par \par Reference Range: Normal Respiratory Flora\par \par Rejection Criteria:\par Source other than bronchial washings\par Improper specimen collection, storage, and transport\par }	Store and transport specimen refrigerated up to 24 hours.	Routine Routine Routine	72 72 72	Hours Hours Hours	GUTHRIE CLINIC LAB	1	STERILE CONTAINER
BRUCELLA (IGG, IGM) ABS WITH REFLEX	Gold 5 ml SST Minimum sample: 0.5 ml serum	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD

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BRUCELLA AB, AGGLUTINATION	Gold 5 ml SST tube Preferred specimen 0.5 mL Minimum volume 0.25 mL	Store and transport refrigerated	Routine	1-7	Days	QUEST	1	GOLD RED 5 ML RED
BUPRENORPHINE CONFIRM, URINE	This is a non-orderable test	Reflex test only	Routine	1-7	Days			
BUPRENORPHINE SCREEN	10 ml urine collected in a urine container with temperature strip Quest; preferred specimen 30 mL Minimum volume 7 mL Lab Corp; preferred specimen 20 mL Minimum volume 10 mL	Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER
BUPROPION	Red 4 ml Clot Tube SST tubes are unacceptable Quest; preferred specimen 1 mL Minimum volume 0.4 mL Lab Corp; preferred specimen 3 mL Minimum volume 0.6 mL	Spin and separate into plastic vial. Store and transport FROZEN	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
C. DIFFICILE (STOOL) TOWANDA	1. Pass unformed stool directly into a clean, dry container. Unformed stool is stool that takes the shape of it's container. 2. Secure cap. Label specimen noting source of stool. Patients experiencing 3 or more unformed stools within a 24 hour period should be tested for C. difficile. Reference Range: Negative Rejection Criteria: *Sources other than stool *Formed stool *>= 2 specimens per week *Improper specimen collection, storage, and transport	Store and transport sample refrigerated up to 5 days.	Routine STAT	24 2	Hours Hours	TOWANDA HOSPITAL LAB	1	STERILE CONTAINER STERILE CUP
C. DIFFICILE BY PCR (STOOL)	1. Pass unformed stool directly into a clean, dry container. Unformed stool is stool that takes the shape of it's container. 2. Secure cap. Label specimen noting source of stool. Patients experiencing 3 or more unformed stools within a 24 hour period should be tested for C. difficile. Reference Range: Negative Rejection Criteria: *Sources other than stool *Formed stool *>= 2 specimens per week *Improper specimen collection, storage, and transport	Store and transport sample refrigerated up to 5 days.	Routine STAT Routine STAT	24 2 24 2	Hours Hours Hours Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	STERILE CONTAINER STERILE CONTAINER
C1 ESTERASE INHIBITOR PROTEIN	Red 4 ml Clot Tube Preferred specimen 1 mL Minimum volume 0.5 mL	Spin and separate into plastic vial Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED

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C1 ESTERASE INHIBITOR, FUNCTIONAL	Red 4 ml Clot Tube Minimum sample: 0.5 ml serum Quest; preferred specimen 1 mL Minimum volume 0.2 mL Lab Corp; preferred specimen 0.5 mL Minimum volume 0.1 mL	Spin and separate into plastic vial. FREEZE sample IMMEDIATELY. Transport frozen sample on dry ice. SST tubes are unacceptable	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
C1Q COMPLEMENT COMPONENT	4 ml Plain Red tube Avoid hemolysis SST tubes may be used if separated within one hour of collection Preferred specimen 1 mL Minimum volume 0.1 mL	Spin and separate into plastic vial. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
C2 COMPLEMENT	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.1 mL Lab Corp; preferred volume 2 mL Minimum volume 0.1 mL	Spin and do not separate. Store and ship refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
C3 COMPLEMENT	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GOLD
C3 COMPLEMENT (REF LAB)	Quest: Gold 5 ml SST Labcorp: Plain red tube	Quest: Spin and do not separate. Store and transport refrigerated. Labcorp: Spin and separate into transport tube. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED GOLD
C3D IMMUNE COMPLEXES	Red 4 ml Clot Tube Minimum sample: 0.5 ml	Spin and separate into plastic vial. FREEZE sample IMMEDIATELY. Transport frozen sample from regional office on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
C4 COMPLEMENT	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GOLD
C4 COMPLEMENT (REF LAB)	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
C5 COMPLEMENT	Gold 5 ml SST Minimum sample: 0.5 ml Quest; preferred specimen 1 mL Minimum volume 0.1 mL	Quest: Spin and do not separate. Store and transport refrigerated LABCORP: Spin and separate. FREEZE.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
C6 COMPLEMENT	Gold 5 ml SST Minimum sample: 0.5 ml Quest; preferred specimen 1 mL Minimum volume 0.1 mL	Quest: Spin and do not separate. Store and transport refrigerated LABCORP: Spin and separate. FREEZE.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
C7 COMPLEMENT	Gold 5 ml SST Minimum sample: 0.5 ml Quest; preferred specimen 1 mL Minimum volume 0.1 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
C8 COMPLEMENT	Gold 5 ml SST Minimum sample: 0.5 ml Quest; preferred specimen 1 mL Minimum volume 0.1 mL	Quest: Spin and do not separate. Store and transport refrigerated LABCORP: Spin and separate. FREEZE.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
CA 125	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	CORNING HOSPITAL LAB	1	GOLD
CADMIUM 24 HR URINE	24 Hour Urine Container Acid Washed Preferred specimen; 7 mL Minimum volume 3 mL	Store and transport sample refrigerated. Transport entire container to the lab.	Routine	1-7	Days	QUEST	1	24 HR URINE CONTAINER ACID WASHED

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CADMIUM RANDOM URINE	50 ml Acid Washed Container for Random Urine (for heavy metal testing) Quest; preferred specimen 7 mL Minimum volume 3 mL	Store and transport sample refrigerated	Routine	1-7	Days	QUEST	1	ACID WASHED URINE CONTAINER
CADMIUM URINE (LC)	Random Urine or 24 Hour Urine Container Acid Washed Preferred specimen; 5 mL Minimum volume 2.5 mL	Store and transport sample refrigerated. Transport entire container to the lab	Routine	1-7	Days	LABCORP	1	ACID WASHED URINE CONTAINER 24 HR URINE CONTAINER ACID WASHED
CADMIUM, BLOOD	Royal Dark Blue 6 ml EDTA Trace Metal Quest; preferred specimen 4 mL Minimum volume 2 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.6 mL	Do not spin or separate. Whole blood required. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	ROYAL BLUE EDTA WHOLE BLD ROYAL BLUE EDTA WHOLE BLD
CALCITONIN	Gold 5 ml SST PATIENT PREPARATION: Overnight fasting is preferred Quest; preferred specimen 1 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.4 mL	Spin and separate in to plastic vial. FREEZE sample IMMEDIATELY. Transport sample from regional office on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
CALCIUM 24 HOUR URINE	24 Hour Urine Container with HCl added in core lab Required specimen is 24 hr urine preserved with 6N HCl so that specimen pH is below 3. Collect urine in plain 24 hour urine container and refrigerate during and after collection. HCl is added once specimen is received in the core lab.	{\rtf1\ansi\deflang1033\ftnbj{\fonttbl{\f0\modern\charset0 Arial;}}\plain\0\fs20 Transport entire container to lab. Store and transport refrigerated\par }	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	24 HR URINE CONTAINER HCL
CALCIUM 24 HOUR URINE (REF LAB)	24 Hour Urine HCL Container Collect urine with 25 mL of 6N HCl to maintain pH below 3. Refrigerate during and after collection. Sample without preservative is acceptable if kept refrigerated during collection. It is acceptable to add preservative after collection if urine was refrigerated during collection.	Transport entire container to lab. Store and transport refrigerated Processing: Aliquot a 10 ml sample to send to Quest	Routine	1-7	Days	LABCORP QUEST	1 1	24 HR URINE CONTAINER HCL 24 HR URINE CONTAINER HCL
CALCIUM RANDOM URINE	Random Urine -Transfer to 10 ml urine tube for transfer.	Transfer to 10ml urine tube for transport. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	STERILE CUP STERILE CONTAINER YELLOW URINE CONICAL TUBE
CALCIUM RANDOM URINE (REF LAB)	Random Urine -Transfer to 10 ml urine tube for transport.	Transfer to 10ml urine tube for transport. Store and transport refrigerated Processing: Adjust pH to <2.0 with 6N HCL prior to aliquoting for testing	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CUP STERILE CONTAINER YELLOW URINE CONICAL TUBE STERILE CUP STERILE CONTAINER YELLOW URINE CONICAL TUBE
CALCIUM, SERUM	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST RED GOLD GREEN LIHEP PST RED GOLD GREEN LIHEP PST RED GOLD GREEN LIHEP PST RED GOLD PST GOLD RED
CALPROTECTIN, STOOL	Stool in sterile container, unpreserved Quest; preferred specimen 1 g Minimum volume 0.3 g Lab Corp; preferred specimen 1 g Minimum volume 0.5 g	Store and transport refrigerated. FREEZE if samples are not tested within four days.	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER

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CALRETICULIN, MUTATION ANALYSIS	2 Lavender 3 ml EDTA or Green Sodium Heparin Collect samples Monday-Thursday ONLY. Samples should be received by reference lab within 48 hours of collection Quest; preferred specimen 5 mL Minimum volume 1 mL Lab Corp; preferred specimen 3-5 mL Minimum volume 3 mL parBone marrow collected in EDTA is also acceptable Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Do not spin or separate. Whole blood required. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	2 2	LAVENDAR EDTA GREEN TOP- NAHEP LAVENDAR EDTA GREEN TOP- NAHEP
CANCER ANTIGEN 15-3	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 0.8 mL Minimum volume 0.3 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
CANCER ANTIGEN 19-9	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 0.8 mL Minimum volume 0.3 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
CANCER ANTIGEN 27.29	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.3 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
CANDIDA DNA PROBE	PROCEDURE: 1. Visualize the posterior vaginal fornix. Remove excessive discharge. 2. Collect vaginal fluid using Collection-Eze swab. Roll the swab against the vaginal wall 2-3 times. Swab the lateral vaginal wall while removing the swab. 3. Immediately place the swab into specimen tube. With the swab touching the bottom of the tube, break off swab handle and cap tube. 4. Label specimen, noting source of vagina.	Store in the refrigerator up to 72 hours.	Routine Routine Routine	72 72 72	Hours Hours Hours	GUTHRIE CLINIC LAB	1	AMIES MEDIA WITH CHARCOAL (BLUE TOP)

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CANDIDA/GARD/TRIC DNA PROBE	<p>PROCEDURE:</p> <ol style="list-style-type: none"> 1. Open the seal on the outer pouch of the VPIII Ambient Temperature Transport System (ATTS) and remove components. 2. Tear open the foil pouch and remove the ATTS dropper. 3. Break the ampule inside the ATTS reagent dropper by lightly squeezing the dropper close to its center with finger and thumb or use the ATTS Reagent Dropper Dispensing Tool. 4. Dispense fluid from the dropper or firmly squeeze the ATTS Reagent Dropper Dispensing tool to dispense fluid from the dropper into the sample collection tube. 5. Peel and remove patient swab. 6. Visualize the posterior vaginal fornix. 7. Roll the swab against the vaginal wall 2-3 times. Swab the lateral vaginal wall while removing the swab. 8. Immediately place swab into the tube containing the ATTS reagent. 9. Break swab shaft at pre-scored line just above the top of the tube. Discard remaining shaft into an infectious waste container. 10. Place the sample collection cap over the exposed end of the swab and firmly press the cap onto the sample collection tube. The cap "snaps" onto the tube when it is properly seated. 11. Label specimen, noting source of vagina. <p>Reference Range: Negative for Candida, Gardnerella.</p>	Store and transport sample at room temperature or refrigerated up to 72 hours	Routine	72	Hours	GUTHRIE CLINIC LAB	1	AFFIRM VPIII AMBIENT TEMP TRANSPORT SYSTEM
CANNABINOIDS, CONF UR	<p>10 ml urine that is collected in a urine container with temperature strip</p> <p>Quest; preferred specimen 5 mL</p> <p>Minimum volume 1 mL</p> <p>Lab Corp; preferred specimen 20 mL</p> <p>Minimum volume 7 mL</p>	Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CUP STERILE CONTAINER STERILE CUP
CARBAMAZEPINE LEVEL	Red 4 ml Clot Tube	Spin and separate into plastic vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1 1	RED RED 5 ML RED RED 5 ML RED RED 5 ML
CARBAMAZEPINE METABOLITE	<p>Red 10 ml Clot Tube</p> <p>SST tubes are unacceptable</p> <p>Includes Metabolite only. Please order Carbamazepine separately.</p> <p>Quest; preferred specimen 2 mL</p> <p>Minimum volume 1 mL</p> <p>Lab Corp; preferred specimen 1 mL</p> <p>Minimum volume 0.6 mL</p>	Spin and separate into plastic vial. Store and transport refrigerated	Routine		Days	LABCORP QUEST	1 1	RED RED
CARBOHYDRATE DEF TRANSFERRIN	<p>Gold 5 ml SST</p> <p>Quest; preferred specimen 1 mL</p> <p>Minimum volume 0.5 mL</p> <p>Lab Corp; preferred specimen 1 mL</p> <p>Minimum volume 0.75 mL</p>	Spin and separate into plastic vial. Serum must not contain any particles or traces of fibrin after centrifugation Store and transport refrigerated	Routine		Days	LABCORP QUEST	1 1	GOLD GOLD
CARBON DIOXIDE	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED

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CARBOXYHEMOGLOBIN (PULM LAB)	RPH and TCH: Anaerobic arterial or venous sample that is obtained in a heparinized blood gas syringe. CH :Collect in green sodium heparin tube or heparinized syringe.	RPH and TCH: Sample is transported to ABG lab in a rigid container with a lid. If sent in the pneumatic tube system, the sample is placed in a biohazard bag. Samples are analyzed within 20 minutes of collection. CH: Transport in a biohazard bag at room temperature and analyze within 30 minutes of collection.	Routine	1-7	Days	RPH RT LAB TCH RT LAB CORNING HOSPITAL LAB	1 1 1	STERILE SYRINGE STERILE SYRINGE GREEN NA HEPARIN STERILE SYRINGE
CARDIO C REACTIVE PROTEIN	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GREEN LIHEP PST GOLD RED
CARDIO C REACTIVE PROTIEN (REF LAB)	Gold tube Alternative specimens: Green sodium heparin, green lithium heparin	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GREEN LIHEP PST GREEN NA HEPARIN GOLD GREEN LIHEP PST GREEN NA HEPARIN
CARDIO IQ ADVANCED LIPID PANEL	2 Gold 5 ml SST Preferred specimen 4 mL Minimum volume 2 mL	Spin and do not separate Store and transport refrigerated	Routine	1-7	Days	QUEST	2	GOLD
CARDIO IQ LIPOPROTEIN FRACTION	Gold 5 ml SST fasting preferred but not required Preferred specimen 1 mL Minimum volume 0.25 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	QUEST	1	GOLD
CARNITINE	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.4 mL Lab Corp; preferred specimen 2.5 mL Minimum volume 0.3 mL	Spin and separate. Transfer serum to plastic screw-cap vial. Store and transport frozen	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
CAROTENE, SERUM	Gold SST tube PROTECT FROM LIGHT PATIENT PREPARATION: Overnight fast is required. Quest; preferred specimen 2 mL Minimum volume 0.7 mL Lab Corp; preferred specimen 0.7 mL Minimum volume 0.2 mL	Spin and separate serum into an AMBER vial to PROTECT FROM LIGHT. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD/AMBER GOLD/AMBER
CATECHOLAMINE 24 HR URINE	24 Hour Urine Container with HCl added in core lab PATIENT PREPARATION: Patient should avoid alcohol, coffee, tea, tobacco and strenuous exercise. Required specimen is 24 hr urine preserved with 6N HCl so that specimen pH is below 6. Collect urine in plain 24 hour urine container and refrigerate during and after collection. HCl is added once specimen is received in the core lab. Quest; preferred specimen 10 mL Minimum volume 5 mL Lab Corp; preferred specimen 30 mL Minimum volume 4 mL	Store and transport sample refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	24 HR URINE CONTAINER HCL 24 HR URINE CONTAINER HCL

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
CATECHOLAMINES FRACTIONATED PL	Green 10 ml Sodium Heparin Test tube must be CHILLED prior to collection PATIENT PREPARATION: Over night fast is required. Patient should be relaxed in a supine or upright position before blood is drawn. States of anxiety and stress can cause fluctuations in the catecholamine levels. Patient should avoid alcohol, coffee, tea, tobacco and strenuous exercise par Quest; preferred specimen 4 mL Minimum volume 2.5 mL Lab Corp; preferred specimen 3 mL Minimum volume 2.2 mL	After collection place the tube in ice bath. Spin and separate into plastic vial within 30 min. Plasma must be free of RBCs. Transport FROZEN sample on dry ice	Routine	1-7	Days	LABCORP QUEST	1 1	GREEN NA HEPARIN GREEN NA HEPARIN
CATECHOLAMINES, URINE RANDOM	Urine Container, Random with HCl added in lab PATIENT PREPARATION: Patient should avoid alcohol, coffee, tea, tobacco and strenuous exercise. Quest; preferred specimen 10 mL Minimum volume 5 mL Lab Corp; preferred specimen 10 mL Minimum volume 4 mL	After urine collection, add 6N HCl to maintain a pH below 3. Urine without preservative is acceptable if pH is below 6 and the sample is shipped frozen. Store and transport sample refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	URINE RANDOM HCL URINE RANDOM HCL
CATHETER TIP CULTURE	1. Cleanse the skin around the catheter site with alcohol. 2. Aseptically remove catheter and clip a 5 cm distal tip of the catheter directly into a sterile container. 3. Transport directly to Microbiology to prevent drying. Catheters Acceptable for testing include: Central lines, CVP, Hickman, Broviac, peripheral, arterial, umbilical, hyperalimentation and Swan-Ganz Recommendation: Catheter tip cultures are performed when there is suspected catheter related sepsis. Collect 2 blood cultures, one through the catheter and one from a peripheral site at the time the catheter is submitted for culture. Routine culture of catheter tips without clinical indication is not recommended. FOLEY catheters are NOT acceptable for culture as they represent distal urethral flora. Reference Range: No aerobic growth Rejection Criteria: Foley catheter tips Improper specimen collection, storage, and transport	<= 24 hours, refrigerated	Routine	72	Hours	GUTHRIE CLINIC LAB	1	STERILE CONTAINER STERILE CUP

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
CATHETER TIP CULTURE (QUEST)	<p>1. Cleanse the skin around the catheter site with alcohol.</p> <p>2. Aseptically remove catheter and clip a 5 cm distal tip of the catheter directly into a sterile container.</p> <p>3. Transport directly to Microbiology to prevent drying.</p> <p>Catheters Acceptable for testing include: Central lines, CVP, Hickman, Broviac, peripheral, arterial, umbilical, hyperalimentation and Swan-Ganz</p> <p>FOLEY catheters are NOT acceptable for culture as they represent distal urethral flora.</p> <p>Rejection Criteria: Foley catheter tips Improper specimen collection, storage, and transport</p>	<= 24 hours, refrigerated	Routine	72	Hours	QUEST	1	STERILE CONTAINER STERILE CUP
CBC NO DIFFERENTIAL	Lavendar EDTA 3 ml Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Stable at Room Temperature for 12 hours then REFRIGERATE up to 48 hours. Specimens are protected from exposure to heat.	STAT	20	Minutes	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	LAVENDAR EDTA LAVENDAR EDTA LAVENDAR EDTA LAVENDAR EDTA
CBC W/ AUTO DIFFERENTIAL	Lavendar EDTA 3ml Do not spin. Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Stable at Room Temperature for 12 hours then REFRIGERATE up to 48 hours. Specimens are protected from exposure to heat. Regional Offices: If specimen is not tested for over 12 hours make slide within 2 hours of collection to send with specimen.	STAT	20	Minutes	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	LAVENDAR EDTA LAVENDAR EDTA LAVENDAR EDTA LAVENDAR EDTA
CEA (CARCINOEMBRYONIC ANTIGEN)	Lt Green 4.5 ml PST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GREEN LIHEP PST GOLD RED RED 5 ML
CEA, PANCREATIC CYST FLUID	1 ml pancreatic cyst fluid in a White Fluid Tube List specimen SOURCE on the container This is orderable only as part of a Pancreatic Cyst Fluid Panel Minimum volume 0.3 mL	Store and transport refrigerated	Routine	1-7	Days	QUEST	1	WHITE FLUID TUBE
CELIAC DISEASE PANEL REFLEX TO TITER	2 Gold 5 ml SST Quest; preferred specimen 5 mL Minimum volume 1 mL Lab Corp; preferred specimen 3 mL Minimum volume 1.75 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	2 2	GOLD GOLD
CELIAC DISEASE PED	FULL Gold 5 ml SST minimum 1.1 ml serum required Quest; preferred specimen 5 mL Minimum volume 1.1 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD

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CELLVISION DIFFERENTIAL	Lavendar EDTA 3ml Do not spin. Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting	Do not spin. Stable at Room Temperature for 12 hours then REFRIGERATE up to 72 hours. Specimens must be protected from exposure to heat. Regional Offices: If specimen is not tested for over 12 hours make slide within 2 hours of collection to send with specimen.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	LAVENDAR EDTA
CELLSEARCH CIRC TUMOR, BRST	10 mL (x2) whole blood in CellSave™ preservative tube SAYRE OR CORNING HOSPITAL LAB DRAW ONLY Collect specimens Monday through Thursday only.	Draw at least one CellSave™ 10 mL tube. It is highly recommended that two 10 mL tubes be drawn due to the possibility of a repeat due to carry over or system malfunction. Fill the tube until blood flow stops to ensure the correct ratio of sample to anticoagulant and preservative. Immediately mix by gently inverting the tube eight times. Store and transport at room temperature.	Routine	1-7	Days	LABCORP QUEST	2 2	CALL LAB CALL LAB
CELLSEARCH CIRC TUMOR, COLON	10 mL (x2) whole blood in CellSave™ preservative tube SAYRE OR CORNING HOSPITAL LAB DRAW ONLY Collect specimens Monday through Thursday only.	Draw at least one CellSave™ 10 mL tube. It is highly recommended that two 10 mL tubes be drawn due to the possibility of a repeat due to carry over or system malfunction. Fill the tube until blood flow stops to ensure the correct ratio of sample to anticoagulant and preservative. Immediately mix by gently inverting the tube eight times. Store and transport at room temperature.	Routine	1-7	Days	QUEST	2	CALL LAB
CENTROMERE B ANTIBODY	Gold 5 ml SST Preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
CERULOPLASMIN	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.1 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
CHL PNEUMO ABS	Red top tube Preferred specimen 1 mL Minimum volume 0.3 mL	Spin and separate into plastic transport tube. Store and transport FROZEN	Routine	1-7	Days	LABCORP	1	RED

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CHLAM PSITTACI AB, IGM (LC)	Gold 5 ml SST Preferred specimen; 1 mL Minimum volume 0.15 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP	1	GOLD
CHLAM TRACHOMATIS AB, IGM (LC)	Gold 5 ml SST Preferred specimen 0.4 mL Minimum volume 0.2 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP	1	GOLD
CHLAMYDIA DNA PCR	<p>PROCEDURE: ENDOCERVICAL females</p> <ol style="list-style-type: none"> 1. Remove mucus from the cervical os by using one of the swabs. DISCARD. 2. Insert the second swab into the endocervical canal. Rotate the swab for 10-30 seconds. 3. Withdraw swab carefully and insert into M4 transport medium immediately snapping off the swab shaft at the perforation. Properly label the sample noting the source of endocervical. <p>URETHRAL males: PROCEDURE:</p> <ol style="list-style-type: none"> 1. Insert the small swab into the urethra. Gently rotate swab for 2-3 seconds with enough pressure to ensure contact with all urethral surfaces. 2. Withdraw swab and place into M4 transport media immediately, snapping off the swab shaft at the perforation. Properly label the specimen, noting the source as urethra. <p>URINE male and female: PROCEDURE:</p> <ol style="list-style-type: none"> 1. Collect the first 10-50 ml of urine into a sterile specimen container. 2. Label noting source of urine. 	<p>Specimen may be refrigerated up to 7 days once in M4 media.</p> <p>Urine maybe stored up to 7 days in the refrigerator.</p>	<p>Routine</p> <p>Routine</p> <p>Routine</p>	<p>72</p> <p>72</p> <p>72</p>	<p>Hours</p> <p>Hours</p> <p>Hours</p>	GUTHRIE CLINIC LAB	1	M4 MEDIA STERILE CONTAINER
CHLAMYDIA GROUP ANTIBODY	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
CHLAMYDIA SPECIES ANTIBODY, IGG	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.1 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
CHLAMYDIA SPECIES ANTIBODY, IGM	Gold 5 ml SST Preferred specimen 1 mL Minimum volume 0.1 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	QUEST	1	GOLD

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CHLAMYDIA TRACHOMATIS CULT	Preferred Specimen(s) Endocervical, Endourethral, Eye (conjunctival), Nasopharyngeal, Rectal mucosa (without feces) or Throat Swabs (minimum 1 swab) in VCM or equivalent. Nasal aspirate added to equal volume of VCM or equivalent transport medium (UTM or M4). Acceptable: Vaginal swab on children < 13 years.	Break the swab tip off and insert into V-C-M transport media. Label sample noting specimen source (i.e. conjunctiva, urethra). Specimen may be refrigerated up to 48 hours once in V-C-M transport media. If there will be a long delay before processing, specimens in V-C-M or equivalent should be frozen at -70° C or colder and transported on dry ice. Storage or transport at -20°C is not acceptable.	Routine	1-7	Days	LABCORP QUEST	1 1	V-C-M GREEN V-C-M GREEN
CHLAMYDIA/GC DNA PROBE URINE	Sterile Container Collect 15-60 ml of urine. The first part of urine stream is preferred, NOT midstream collection Urine collected from females may only be tested for Chlamydia at Guthrie Sayre. Female urine GC testing must be sent to Quest for testing.	Store and transport refrigerated. LABORATORY PROCESSING: Urine must be transferred into a UPT tube within 24 hours of collection, provided the urine has been kept refrigerated. If urine has been stored at room temperature, the urine must be transferred into a UPT tube within 8 hours of collection. Store and transport the UPT tube refrigerated	Routine	1-7	Days	QUEST	1	STERILE CONTAINER
CHLAMYDIA/GC RNA, TMA (APTIMA)	APTIMA Endocervical, vaginal, or male urethral swab OR first-void urine (patient should not have urinated for one hour prior to specimen collection) provide a first-catch urine (approximately 20 to 30 mL of the initial urine stream) into a urine collection cup free of any preservatives. Collection of larger volumes of urine may result in specimen dilution that may reduce test sensitivity; lesser volumes may not adequately rinse organisms into the specimen. Female patients should not cleanse the labial area prior to providing the specimen	Urine: Add urine to the APTIMA® Combo 2 urine collection device. The final volume must be between the two black lines on the device (about 2 mL). Store and transport refrigerated Swabs: Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER
CHLORIDE	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
CHLORIDE BODY FLUID	1 mL fluid in sterile container. List specimen SOURCE on the container.	Send to Mayo for testing. Centrifuge fluid to remove any cellular material. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	STERILE CONTAINER STERILE CONTAINER STERILE CONTAINER STERILE CONTAINER
CHLORIDE CSF	Spinal Fluid Container Collect 5 ml spinal fluid. Label container with SOURCE.	Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	CSF CONTAINER
CHLORIDE SWEAT TEST	This test must be scheduled with the Guthrie Laboratory or Corning Laboratory.	N/A	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	SWEAT COLLECTOR SWEAT COLLECTOR
CHLORIDE URINE RANDOM	Sayre Towanda and Troy- Collect Urine in sterile container and transfer to yellow urine tube.	Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	STERILE CUP STERILE CONTAINER YELLOW URINE CONICAL TUBE

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CHLORIDE URINE RANDOM (REF LAB)	Random Urine-Transfer to 10 ml urine tube for transport. Quest; preferred specimen 10 mL Minimum volume 2 mL	Transfer to 10ml urine tube for transport. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CUP STERILE CONTAINER YELLOW URINE CONICAL TUBE STERILE CUP STERILE CONTAINER YELLOW URINE CONICAL TUBE
CHLORIDE, 24 HOUR URINE	24 Hour Urine Plain Container	Transport entire container to lab. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	24 HOUR URINE CONTAINER
CHLORIDE, 24 HOUR URINE (REF LAB)	24 Hour Urine Plain Container Quest; preferred specimen 10 mL Minimum volume 2 mL Lab Corp; preferred specimen 10 mL Minimum volume 0.5 mL	Transport entire container to lab. Store and transport refrigerated Processing: Aliquot a 10 ml sample to send to Quest	Routine	1-7	Days	LABCORP QUEST	1 1	24 HOUR URINE CONTAINER 24 HOUR URINE CONTAINER
CHLORPROMAZINE	Red 4 ml Clot Tube SST tubes are unacceptable Quest; preferred specimen 3 mL Minimum volume 1.2 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and separate into plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
CHOLESTEROL FLUID	1 mL pleural or peritoneal fluid in a sterile transport tube. List specimen SOURCE on the container. Minimum volume 0.5 mL Send to Quest Diagnostics 17585- Peritoneal Fluid f117586 - Pleural Fluid	Store and transport FROZEN.	Routine	5	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	STERILE CONTAINER STERILE CONTAINER STERILE CONTAINER STERILE CONTAINER
CHOLESTEROL TOTAL	Green Lithium Heparin PST PATIENT PREPARATION: Preferred specimen collection is after patient has fasted 12 hours.	Spin and do not separate. Store and transport refrigerated.	STAT Routine	24 24	Hours Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
CHOLINESTERASE (LC)	Gold 5 ml SST Preferred specimen 0.5 mL Minimum volume 0.2 mL	Spin and do not separate	Routine	1-7	Days	LABCORP	1	GOLD
CHOLINESTERASE WITH DIBUCAINE INHIBITION	Gold 5 ml SST Preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate	Routine	6	Days	QUEST	1	GOLD
CHOLINESTERASE, RBC AND PLASMA	3 Lavender 3 ml EDTA Quest; preferred specimen 2 mL plasma 5 mL whole blood Minimum volume 0.5 mL plasma 4 mL whole blood Lab Corp; preferred specimen 2 mL plasma 5 mL whole blood Minimum volume 0.1 mL plasma 1 mL whole blood	PLASMA: Spin ONE tube and separate plasma. Discard packed cells. WHOLE BLOOD: Do not spin or separate the second & third tube. Store and transport both whole blood and plasma samples refrigerated	Routine	1-7	Days	LABCORP QUEST	3 3	LAVENDAR EDTA LAVENDAR EDTA
CHROMIUM 24 HR URINE	24 Hour Urine Container Acid Washed Preferred specimen 2 mL Minimum volume 0.5 mL	Refrigerate during and after collection. Send entire specimen to lab	Routine	1-7	Days	QUEST	1	24 HR URINE CONTAINER ACID WASHED

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CHROMIUM PLASMA	Draw one Royal Dark Blue tube and discard. Draw a second Royal Dark Blue 6 ml EDTA PLASMA Trace Metal PATIENT PREPARATION: Patient should refrain from taking vitamins, mineral or herbal supplements at least one week before specimen collection Preferred specimen 2 mL Minimum volume 1 mL	Spin and separate plasma into a trace element container. DO NOT use a pipet. Plasma must be carefully poured off to avoid trace element contamination. Store and transport refrigerated	Routine	1-7	Days	QUEST	1	ROYAL BLUE EDTA PLASMA
CHROMIUM, PLASMA/SERUM (LC)	Draw a Royal Dark Blue 6 ml EDTA PLASMA or SERUM Trace Metal PATIENT PREPARATION: Patient should refrain from taking vitamins, mineral or herbal supplements at least one week before specimen collection	Spin and separate plasma into a trace element container. DO NOT use a pipet. Store and transport refrigerated	Routine	1-7	Days	LABCORP	1	ROYAL BLUE EDTA PLASMA ROYAL BLUE PLAIN 6ML
CHROMIUM, RANDOM URINE	50 ml Acid Washed Container for Random Urine (for heavy metal testing) Quest; preferred specimen 2 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 5 mL Minimum volume 0.6 mL	Refrigerate during and after collection. Send entire specimen to lab	Routine	1-7	Days	LABCORP QUEST	1 1	ACID WASHED URINE CONTAINER ACID WASHED URINE CONTAINER
CHROMIUM, RBC'S	Royal Dark Blue 6 ml EDTA Trace Metal	Samples are submitted to Quest labs (3479) who forward to NMS (1261R) labs for testing 1. Gently mix whole blood test tube by inversion 6 times 2. Centrifuge within 2 hours of collection and DISCARD ALL plasma 3. Leave the RBC's in the original collection container and replace the stopper. The Royal Dark blue EDTA trace element tube is sent to the laboratory. 4. Store and transport refrigerated. Rejection Criteria: RBC's containing any trace of plasma will be rejected.	Routine	1-7	Days	LABCORP QUEST	1 1	ROYAL BLUE EDTA RBCS ROYAL BLUE EDTA RBCS

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CHROMIUM,SERUM	Royal Dark Blue 6 ml No Additive SERUM Trace Metal Draw one tube and discard. Allow second to clot in an upright position Preferred specimen 2 mL Minimum volume 1 mL	{\rtf1\ssstecf22000\ansi\deflang1033\ftnbj\uc1\deff0\fonttbl{\f0 \fmodern \fcharset0 Arial;}\f1 \fswiss Arial;}\colortbl ;\red255\green255\blue255 ;\red0\green0\blue0 ;}{\stylesheet{\f1\fs24 Normal;}{\cs1 Default Paragraph Font;}}{*\revtbl{Unknown;}}\paperw12240\paperh15840\margl1800\margr1800\margt1440\margb1440\headery720\footery720\nogrowautofit\deftab720\formshade\vet4\abendnotes\aftrnrlc\pgbrdrhead\pgbrdrfoot\sectd\pgwsxn12240\pghsxn15840\guttersxn0\marglsxn1800\margrsxn1800\margtsxn1440\margbsxn1440\headery720\footery720\sbkpage\pgncont\pgndec\plain\plain\fs24\pard\plain\fs20\lang1033\hich\fs20\loch\fs20 Allow the sample to clot in an upright position for 30 minutes. Spin and separate serum into a trace element container.\par DO NOT use a pipet. Serum must be carefully poured off to avoid trace element contamination\par Store and transport refrigerated\par}	Routine	1-7	Days	QUEST	1	ROYAL BLUE PLAIN 6ML
CHROMOGRANIN A	Quest: Gold tube Preferred specimen 1 mL Minimum volume 0.5 mL Labcorp: Red top tube Preferred specimen 0.2 mL Minimum volume 0.1 mL	Quest: Spin and do not separate. Store and transport refrigerated. Labcorp: Spin and separate into a plastic vial Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED GOLD
CHROMOSOME ANALYSIS, AMNIOTIC FLUID	Isolation Tube Quest; preferred specimen 20 mL A signed informed consent form is required to perform testing Lab Corp; preferred specimen 20-30 mL Minimum volume 5 mL	Collect amniotic fluid discarding first 2cc. Minimum 15-25cc. Store and transport at ROOM TEMPERATURE Quest requires a completed Genetics Request that can be generated from the link below Allow 5-10 days for final results	Routine	1-7	Days	LABCORP QUEST	1 1	ISOLATION TUBE ISOLATION TUBE
CHROMOSOME MICROARRAY	{\rtf1\ansi\deflang1033\ftnbj\fonttbl{\f0 \fmodern \fcharset0 Arial;}\plain\fs20 This is a non-orderable test\par }	{\rtf1\ansi\deflang1033\ftnbj\fonttbl{\f0 \fmodern \fcharset0 Arial;}\plain\fs20 Reflex test only\par }	Routine	1-7	Days			
CHROMOSOME STUDY, HEMAT MALIGN	Green 10 ml Sodium Heparin Quest; Preferred specimen 1-3 mL bone marrow 5-10 mL blood Minimum volume 1.5 mL Lab Corp; Preferred specimen 2 mL bone marrow 3 mL whole blood	Do not spin or separate. Send entire tube to the lab. Transport at ROOM TEMPERATURE.	Routine	1-7	Days	LABCORP QUEST	1 1	GREEN NA HEPARIN GREEN NA HEPARIN

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CHROMOSOME, BLD NON-ONCO	Green 10 ml Sodium Heparin Quest; preferred specimen 5 mL Minimum volume 1 mL Lab Corp; preferred specimen 5 mL Minimum volume 2 mL	Do not spin or separate. Whole blood required Store and transport at ROOM TEMPERATURE Specimen stable for 2 days only	Routine	1-7	Days	LABCORP QUEST	1 1	GREEN NA HEPARIN GREEN NA HEPARIN
CHRONIC URTICARIA INDEX	Red 10 ml Clot Tube PATIENT PREPARATION: Patients taking calcineurin inhibitors should stop their medication for 72 hours prior to specimen collection Quest; preferred specimen 1.5 mL Minimum volume 1 mL	Allow blood to fully clot. Spin and separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
CHYMOTRYPSIN, STOOL	Sterile Container PATIENT PREPARATION: Patients receiving pancreatic enzymes should discontinue taking the enzymes at least 5 days before the collection of the stool sample Quest; preferred specimen 1 gm Minimum volume 0.5 gm	Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER
CITRATE 24 HOUR URINE	24 Hour Urine Plain Container Quest; preferred specimen 10 mL Minimum volume 1 mL Lab Corp; preferred specimen 10 mL Minimum volume 2.5mL	Store and transport refrigerated. Send entire container to the lab.	Routine	1-7	Days	LABCORP QUEST	1 1	24 HOUR URINE CONTAINER 24 HOUR URINE CONTAINER
CITRIC ACID, SERUM	Gold 5 ml SST Quest; preferred specimen 2 mL Minimum volume 1 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
CK ISOENZYMES	Gold 5 ml SST Quest; preferred specimen 2 mL Minimum volume 1 mL Lab Corp; preferred specimen 2 mL Minimum volume 1.5 mL Test includes: CK Total, CK-BB (Brain), CK-MB (heart), CK-MM (skeletal).	Spin and separate into plastic vial. FREEZE Store frozen and transport on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
CK-MB	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
CLO TEST	<p>PATIENT PREPARATION: Patients must not take antibiotics or bismuth salts for at least 3 weeks prior to endoscopy procedure.</p> <p>PROCEDURE: 1. The CLO slide is warmed prior to use by placing on a 30-40 degree warming plate or storing in the doctor's pocket. 2. Peel label away from the plastic slide but do not remove the label. 3. During endoscopy procedure, obtain a 1-3 mm biopsy sample 2 cm away from the pylorus along the lesser or greater gastric curve of the antrum. Obtain the biopsy from normal looking tissue rather than an area affected with ulcerations. 4. With a sterile needle, embed the biopsy in the yellow gel. 5. Recover the gel using the label. 6. Label sample. 7. Store and transport at room temperature.</p> <p>PRECAUTIONS: If the CLO test gel is any color other than yellow, DO NOT use.</p> <p>Reference Range: Negative</p> <p>Rejection Criteria: *Sources other than gastric antrum</p>	Store and transport at room temperature.	Routine	24	Hours	TROY HOSPITAL LAB	1	SLIDE
CLOMIPRAMINE LEVEL	<p>2 Red 4 ml Clot Tube</p> <p>PATIENT PREPARATION: Collect blood prior to next dose</p> <p>SST tubes are unacceptable</p> <p>Quest; preferred specimen 3 mL</p> <p>Minimum volume 1.5 mL</p> <p>Lab Corp; preferred specimen 1 mL</p> <p>Minimum volume 0.3 mL</p>	<p>Spin and separate into separate vial as soon as possible after clotting.</p> <p>Store and transport refrigerated</p>	Routine	1-7	Days	LABCORP QUEST	2 2	RED RED
CLONAZEPAM LEVEL	<p>Red 4 ml Clot Tube</p> <p>SST tubes are unacceptable.</p> <p>Quest; preferred specimen 2 mL</p> <p>Minimum volume 1 mL</p> <p>Lab Corp; preferred specimen 4 mL</p> <p>Minimum volume 1.1 mL</p>	<p>Spin and separate serum into a plastic vial within 1 hour of collection.</p> <p>FREEZE.</p> <p>Transport FROZEN sample from regional office on dry ice.</p>	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
CLONIDINE (CATAPRES)	<p>Red 10 ml Clot Tube</p> <p>SST tubes are unacceptable.</p> <p>Minimum sample: 1 ml</p> <p>Lab Corp; preferred specimen 5 mL</p> <p>Minimum volume 1.2 mL</p>	<p>Spin and separate into a plastic vial.</p> <p>Store and transport refrigerated</p>	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
CLOSURE TIME PLATELET FUNCTION	Use a 21 gauge needle or larger. IF the draw is difficult or the vein collapses, the specimen must be redrawn.	Take sample directly to the hematology dept. for prompt testing. Sample must be tested within 4 hours of collection. Do not spin.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	2 2	LT BLUE TOP-CITRATE LT BLUE TOP-CITRATE
CLOZAPINE LEVEL	<p>Red top tube</p> <p>SST tubes are unacceptable.</p> <p>Quest; preferred specimen 2 mL</p> <p>Minimum volume 1 mL</p> <p>Lab Corp; preferred specimen 1 mL</p> <p>Minimum specimen 0.3 mL</p>	<p>Spin and separate into a plastic vial.</p> <p>Store and transport refrigerated</p>	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED

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CMV ANTIGEN			Routine	1-7	Days			
CMV DNA, QL, PCR	Lavender top EDTA tube CSF, AMNIOTIC FLUID COLLECTION: Collect 1.0 ml (0.5 ml absolute minimum) fluid in a sterile, leak-proof container. Label appropriately noting specimen source Preferred specimen 1 mL Minimum volume 0.5 mL	Do not spin or separate. Store and transport refrigerated.	Routine	1-7	Days	QUEST	1	LAVENDAR EDTA
CMV DNA, QT, PCR	QUEST: Lavender EDTA tube Preferred specimen 1 mL Minimum volume 0.5 mL Quest alternative specimens: CSF, AMNIOTIC FLUID, URINE COLLECTION: Collect 1.0 ml (0.5 ml absolute minimum) fluid in a sterile, leak-proof container. Label appropriately noting specimen source LABCORP: Lavender EDTA tube 1 ml plasma required Minimum volume 0.5 mL	Quest: Centrifuge tube within 2 hours of collection. Transfer plasma to sterile, plastic, transport tube. Store and transport refrigerated. Labcorp: Centrifuge specimen within 24 hours of collection. Remove plasma, transfer plasma to a screw-cap polypropylene transport tube, and freeze. Store and transport FROZEN.	Routine	1-7	Days	LABCORP QUEST	2 1	LAVENDAR FROZEN LAVENDAR EDTA
CO2 BODY FLUID	Isolation Tube List specimen SOURCE on the container.	Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	ISOLATION TUBE
COBALT	Royal Dark Blue 6 ml EDTA Trace Metal Quest: Submit 4 ml whole blood. Minimum volume 2 mL Do not spin or separate Patient Preparation: Patient should refrain from taking mineral supplements, vitamin B12 or vitamin B complex three days before specimen collection Labcorp: Preferred specimen 2 mL Minimum volume 0.6 mL Spin and separate plasma immediately after collection. Transfer to a metal-free plastic transport tube.	Store and transport refrigerated.	Routine	1	Weeks	LABCORP QUEST	1 1	ROYAL BLUE EDTA PLASMA ROYAL BLUE EDTA WHOLE BLD
COBALT, RANDOM URINE	Random urine collected in acid-washed or metal-free plastic container Quest; preferred specimen 7 mL Minimum volume 3 mL Lab Corp; preferred specimen 5 mL Minimum volume 1.5 mL	Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	ACID WASHED URINE CONTAINER ACID WASHED URINE CONTAINER
COBALT, SERUM	Royal Dark Blue 6 mL No Additive SERUM Trace Metal Preferred specimen: 0.5 ml Minimum volume 0.2 mL	Allow the sample to clot in an upright position for 30 minutes. Spin and separate into a trace element container. DO NOT use a pipet. Serum must be carefully poured off to avoid trace element contamination. Store and transport refrigerated.	Routine	5	Days	QUEST	1	ROYAL BLUE TRACE ELEMENT 7 ML
COCAINE QUANT BLOOD	2 Gray 4 ml Fluoride/Oxalate Quest; preferred specimen 7 mL Minimum volume 5 mL Lab Corp; preferred specimen 7 mL Minimum volume 3 mL	Do not spin or separate. Whole blood required. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	2 2	GRAY GRAY

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COCAINE URINE CONF	10 ml urine collected in a urine container with temperature strip Quest; preferred specimen 30 mL Minimum volume 7 mL Lab Corp; preferred specimen 20 mL Minimum volume 7 mL	Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CUP STERILE CONTAINER STERILE CUP
COCCIDIOIDES ANTIBODY	Gold SST Quest; preferred specimen 1 mL Minimum volume 0.1 mL	Spin and do NOT separate. Store and transport refrigerated Pleural fluid is also acceptable	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
COLD HEMAGGLUTININS	Red 4 ml Clot Tube Minimum sample: 0.5 ml serum Quest; preferred specimen 3 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.5 mL	Specimen must be kept warm (37 degrees C) until the sample has clotted in a 37 degree water-bath Centrifuge, separate serum from cells, and ship to Quest at room temp within 2 days	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
COMPLEMENT C4A	Quest: Lav EDTA tube Preferred specimen 1 mL Minimum volume 0.5 mL NOTE specific shipping and handling requirements before collecting specimen to ensure specimen viability. Labcorp: Contact the LabCorp supply department for special collection kit.	Quest:Centrifuge at room temperature within one half hour of collection; preferably immediately after venipuncture. Transfer the cell-free plasma to a clean tube and immediately freeze the cell-free plasma on dry ice or at -70 C. Minimum volume 0.5 ml plasma Labcorp: Collect EDTA whole blood sample into a chilled lavender-top tube. Immediately add Futhan preservative as directed in the Futhan collection kit (LabCorp N° 78946). Recap lavender tube and invert several times to mix well. Centrifuge the whole blood specimen to separate the plasma. Transfer the plasma into the plastic screw-cap tube that is included in the collection kit. The specimen must be submitted in this transfer tube, which is labeled with the words "Futhan Added." Freeze immediately and maintain frozen until tested. Specimen volume 1 ml, minimum 0.5 ml	Routine	24	Days	LABCORP QUEST	1 1	OTHER LAVENDAR EDTA
COMPLEMENT TOTAL (CH50)	Red 10 ml Clot Tube SST tubes are unacceptable Preferred specimen 1 mL Minimum volume 0.5 mL	Spin and separate into plastic vial. FREEZE immediately. Avoid hemolysis Transport FROZEN sample from regional office on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	RED 5 ML RED RED 5 ML RED
COMPREHENSIVE METABOLIC PANEL	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TROY HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
COMPREHENSIVE METABOLIC PANEL W/REFLEX MAGNESIUM	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP

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COPPER 24HR URINE	24 Hour Urine Acid Washed Container (Trace Element/Heavy Metal testing) Quest; preferred specimen 7 mL Minimum volume 3 mL Lab Corp; preferred specimen 5 mL Minimum volume 1.3 mL	Store and transport sample refrigerated. Send entire container to lab	Routine	1-7	Days	LABCORP QUEST	1 1	24 HR URINE CONTAINER ACID WASHED 24 HR URINE CONTAINER ACID WASHED
COPPER, RBC	Royal Dark Blue 6 ml EDTA Trace Metal NY specimen testing is not available at Quest laboratory; for NY patients order as a Miscellaneous test and send to Labcorp (test code 081041) Quest; preferred specimen 0.5 mL Minimum volume 0.3 mL Lab Corp; preferred specimen 3 mL Minimum volume 0.5 mL	QUEST: Centrifuge and separate RBCs into acid washed plastic screw capped vial within 2 hrs of collection. Store and transport refrigerated. LABCORP: Do not spin or separate. WHOLE BLOOD required. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	ROYAL BLUE EDTA WHOLE BLD ROYAL BLUE EDTA RBCS LAVENDAR EDTA
COPPER, SERUM	Royal Dark Blue 6 ml No Additive SERUM Trace Metal Quest; preferred specimen 2 mL Minimum volume 0.7 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.2 mL	Royal Dark Blue 6 ml No Additive SERUM Trace Metal Serum must be carefully POURED OFF into a TRACE ELEMENT ALIQUOT TUBE to avoid element contamination. DO NOT use a pipet. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	ROYAL BLUE PLAIN 6ML ROYAL BLUE PLAIN 6ML
CORD BLOOD ABO/RH	Pink 6ml EDTA preferred Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Store and ship at room temperature or refrigerated up to 72 hours	Routine	1-7	Days	CORNING HOSPITAL LAB	1	PINK EDTA
CORD BLOOD ABO/RH AND COOMBS	Pink 6ml EDTA preferred Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Store and ship at room temperature or refrigerated up to 72 hours	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1 1	PINK EDTA PINK EDTA PINK EDTA
CORD BLOOD EVALUATION	Pink 6ml EDTA preferred Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Store and ship at room temperature or refrigerated up to 72 hours	Routine	1-7	Days	GCL BLOOD BANK CH BLOOD BANK TCH BLOOD BANK	1 1 1	PINK EDTA PINK EDTA PINK EDTA
CORD BLOOD HOLD TUBE	Pink 6ml EDTA preferred Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Hold tube only-send to lab ASAP	Routine	1-7	Days	GUTHRIE CLINIC LAB TROY HOSPITAL LAB CORNING HOSPITAL LAB	1 1 1	PINK EDTA PINK EDTA PINK EDTA
CORTISOL	Green Yellow Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated. Indicate the time the sample was drawn AM or PM. Note: The correct reference ranges for AM or PM are reflected based upon the sample collection time entered when the test is resulted..	STAT Routine	24 24	Hours Hours	GUTHRIE CLINIC LAB	1	GREEN LIHEP PST GOLD
CORTISOL 30 MINUTE	Gold 5 ml SST Sample drawn 30 minutes after administration of hormone.	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GOLD
CORTISOL 60 MINUTE	Gold 5 ml SST Sample drawn 60 minutes after administration of hormone.	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GOLD
CORTISOL BASELINE TEST	Gold 5 ml SST Baseline sample drawn prior to administration of hormone.	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GOLD RED RED 5 ML

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CORTISOL RESPONSE	{\rtf1\ansi\deflang1033\fnbj{\fonttbl{\f0 \modern \fcharset0 Arial;}}\plain\0\fs20 Light Green PST\par Note: Baseline sample drawn prior to administration of hormone.\par }	{\rtf1\ansi\deflang1033\fnbj{\fonttbl{\f0 \modern \fcharset0 Arial;}}\plain\0\fs20 Spin and do not separate. Store and transport refrigerated.\par }	Routine	1-7	Days			
CORTISOL, URINE, FREE 24 HR	24 hour boric acid urine container Quest; preferred specimen 2 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 100 mL Minimum volume 10 mL	Store and transport refrigerated. Send entire container to the lab	Routine	1-7	Days	LABCORP QUEST	1 1	24 HOUR URINE CONTAINER 24 HOUR URINE CONTAINER
COXSACKIE A ANTIBODY PANEL	Gold 5 ml SST Quest; preferred specimen 2 mL Minimum volume 1 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
COXSACKIE B (1-6) ANTIBODIES	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 3 mL Minimum volume 0.2 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
C-PEPTIDE	Gold 5 ml SST PATIENT PREPARATION: Overnight fasting is required Quest; preferred specimen 1 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 0.8 mL Minimum volume 0.3 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
C-REACTIVE PROTEIN	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
CREATINE KINASE	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
CREATININE 24 HR URINE	24 Hour Urine Plain Container	Transport entire container to lab. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	24 HOUR URINE CONTAINER 24 HOUR URINE CONTAINER
CREATININE CLEARANCE, URINE, 24 HOUR	24 Hour Urine Plain Container PATIENT PREPARATION: Patient must have a serum creatinine ordered within 72 hours of urine collection. IF Not, order a serum creatinine at this time.	Transport entire container to lab. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	24 HOUR URINE CONTAINER 24 HOUR URINE CONTAINER
CREATININE FLUID	White Fluid Tube List specimen SOURCE on the container.	Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB	1	WHITE FLUID TUBE
CREATININE URINE RANDOM	Sayre Towanda and Troy- Collect Urine in sterile container and transfer to yellow urine tube. Corning - Sterile container.	Store and transport sample refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	YELLOW URINE CONICAL TUBE STERILE CONTAINER STERILE CUP STERILE CONTAINER STERILE CUP

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CREATININE,SERUM	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
CRYOGLOBULIN	DO NOT COLLECT ON FRIDAY. SPECIMEN STABLE 72 HOURS ONLY. Quest: 2 FULL Red 10 ml Clot Tube Preferred specimen 10 mL Minimum volume 3.5 mL Labcorp: 1 FULL Red 10 ml Clot Tubes Preferred specimen 3 mL Minimum volume 2 mL PATIENT PREPARATION: Overnight fasting is required. Avoid hemolysis SAYRE CAMPUS ONLY: This test is not stable for transport from the regional offices Do not collect on Friday. Specimen stable 72 hours only.	10 ml serum is required for this test. Send to lab IMMEDIATELY. Needs to be in the lab within 15 MIN. of collection. Draw specimens in warm tubes (37-42 degrees C). Allow blood to clot at 37-42 degrees C for 1 hour. Keep specimens at 37-42 degrees C until they have been centrifuged and the serum has been separated from the 0 cells. Transfer serum to clean, plastic, screw-capped vial(s) and ship at room temperature. Do not refrigerate. Please note: Serum must be separated from the cells before shipping. Clot for one hour in 37 degrees C water bath. Separate serum in room temperature centrifuge carriers. Transport at room temperature	Routine	1-7	Days	LABCORP QUEST	1 2	RED RED
CRYPTOCOCCUS ANTIBODY	Gold 5 ml SST Preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
CRYPTOCOCCUS ANTIGEN, CSF	Place spinal fluid in sterile container. Label with specimen SOURCE Preferred specimen 1 mL Minimum volume 0.5 mL	Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	CSF CONTAINER CSF CONTAINER
CRYPTOSPORIDIUM ANTIGEN SCREEN	This test can be combined with a stool culture. Only one orange para-pak is required. 1. Pass stool directly into a clean, dry container. 2. Transfer the appropriate volume of stool into the Para-Pak Orange capped container. The stool volume must raise the preservative up to the RED line. 3. Mix and secure cap. Reference Range: Negative Rejection Criteria: Sources other than stool Improper specimen collection, storage, and transport. > 2 specimens over a 2-3 day period Specimens from inpatients > 3 days in hospital	Store specimen refrigerated up to 1 week.	Routine Routine Routine STAT STAT STAT	5 72 72 5 72 72	Days Hours Hours Days Hours Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1	ORANGE PARA PAK ORANGE PARA PAK ORANGE PARA PAK

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CRYSTAL IDENTIFICATION FLUID	White Fluid Tube List specimen SOURCE on the container.	Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1	WHITE FLUID TUBE WHITE FLUID TUBE WHITE FLUID TUBE
CSF DIFFERENTIAL	CSF Container Label specimen with SOURCE.	Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	CSF CONTAINER CSF CONTAINER
CT/NG (CHLAMYDIA TRACHOMATIS/NEISSERIA GONORRHOEAE) PCR ASSAY	Urine 1. Provide first-catch urine (20-50mL) into a urine cup. NOTE: the patient must not urinate for at least 1 hour prior. Patient must not cleanse the genital area prior to collection specimen. 2. Properly label sample including source. Patient Collected Vaginal 1.Open the individual CT/NG vaginal/endocervical collection kit that contains the pink transport tube with swab and an individually wrapped collection swab (large). 2.Discard the large swab 3.Open the package containing the pink transport tube. 4.Open the collection swab wrapper. 5.Hold the swab in your hand, placing your thumb and forefinger in the middle of the swab shaft across the scoreline. 6.Carefully insert the swab into your vagina about two inches inside the opening of the vagina 7.Gently rotate the swab for 10-30 seconds. Ensure the swab touches the walls of the vagina so that moisture is absorbed by the swab. Withdraw the swab and continue to hold it in your hand. 8.Unscrew the cap from the transport tube.	Urine- store and transport refrigerated for up to 8 days Patient collected vaginal- store and transport refrigerated for up to 60 days Endocervical- store and transport refrigerated for up to 60 days	Routine STAT	24 2	Hours Hours	GUTHRIE CLINIC LAB	1	STERILE CUP STERILE CONTAINER XP CT/NG VAGINAL/ENDOCERVICAL SPECIMEN COLLECTION KIT
CVS CHROMOSOME (CHORIONIC VILLUS)	Special Collection Kit required. Call send-out dept. x-5680		Routine	1-7	Days	LABCORP QUEST	1 1	CALL LAB CALL LAB
CYANIDE LEVEL	Quest: Green Sodium Heparin test tube Preferred specimen 10 mL Minimum volume 1 mL Labcorp: Gray Sodium Fluoride tube Preferred specimen 1 mL Minimum volume 0.5 mL	Do not spin or separate. Whole blood required. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GRAY GREEN NA HEPARIN
CYCLIC CITRUL PEPTIDE AB, IGG	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.3 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
CYCLIC CITRULLINATED PEPTIDE ANTIBODY IGG	Gold 5 ml SST Minimum sample: 0.5 ml	Spin and do not separate. Store and transport refrigerated	STAT Routine	5 5	Days Days	GUTHRIE CLINIC LAB	1	GOLD RED RED 5 ML

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CYCLOSPORINE	Lavender 3 ml EDTA PATIENT PREPARATION: Best collected 1hr before next dose` Quest; preferred specimen 5 mL Minimum volume 2 mL Lab Corp; preferred specimen 2 mL Minimum volume 0.6 mL	Do not spin or separate. Whole blood required Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	LAVENDAR EDTA LAVENDAR EDTA
CYSTIC FIBROSIS SCREEN	2 Lavender EDTA Indicate ethnicity of patient A signed informed consent form is required to perform testing Quest; preferred specimen 4 mL Minimum volume 3 mL Lab Corp; preferred specimen 7 mL Minimum volume 3 mL	Do not spin or separate. Whole blood required Store and transport at room temperature	Routine	1-7	Days	LABCORP QUEST	2 2	LAVENDAR EDTA LAVENDAR EDTA
CYSTINE URINE QUANT (LC)	24 Hour Urine Plain Container Preferred specimen 5 mL Minimum volume 2.5 mL	Urine with a pH less than 2.0 will be rejected Regional offices: Store and transport refrigerated. Send entire container to the lab. Core lab processing: Measure the total volume and FREEZE a 5ml aliquot to submit to Quest reference laboratory. For Labcorp, send refrigerated specimen	Routine	1-7	Days	LABCORP	1	24 HOUR URINE CONTAINER
CYSTINE URINE QUANTITATIVE	Urine Container Plain, Random Quest; preferred specimen 1.8 mL Minimum volume 0.5 mL	Urine with a pH less than 2.0 will be rejected Freeze specimen and transport on dry ice	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER
CYSTINE URINE QUANTITATIVE	24 Hour Urine Plain Container Preferred specimen 1.8 mL Minimum volume 0.5 mL	Urine with a pH less than 2.0 will be rejected Regional offices: Store and transport refrigerated. Send entire container to the lab. Core lab processing: Measure the total volume and FREEZE a 5ml aliquot to submit to Quest reference laboratory. For Labcorp, send refrigerated specimen	Routine	1-7	Days	QUEST	1	24 HOUR URINE CONTAINER

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CYTOLOGY - NON GYN	<p>A. Fine Needle Aspirations: The removal of a sample of cells, using a fine needle, from a suspicious mass for diagnostic purposes. Smear Preparation: Complete a cytology lab request ticket. Label frosted-end glass slides using a pencil noting patient's last name, first initial and MRN# or date of birth and source of aspirate. Submit 1-3 slides of material from any source that can be evaluated cytologically. Fix slides immediately with cytology spray fixative or immerse in ethyl alcohol. 1-3 air dried slides are also made. Allow any fixed slides to thoroughly dry before packaging in a slide container. Aspirates from cystic lesions can be forwarded to the laboratory in the syringe (after discarding the needle) if they are sent immediately after the procedure is completed.</p> <p>B. Cytology (urines)- Mid stream clean catch urines are preferable. First morning urines are not used. Specimen is refrigerated if not immediately transported to GMG.</p> <p>C. Sputum: The preferred sputum specimen is an early morning expectorated sample obtained after a deep cough. All specimens are received fresh and in a sterile container. Lower respiratory tract specimens are collected by bronchoscopy or transtracheal aspiration avoiding contamination by oropharyngeal flora. If there is any delay in transport, specimens are refrigerated. The specimen must be labeled as to whether the specimen is induced (produced via nebulizer) or a deep</p>	Refer to collection above.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	OTHER OTHER
CYTOMEGALOVIRUS CULTURE, URINE	<p>Sterile Container</p> <p>Collect a clean catch urine sample using a sterile container</p> <p>Collect Sunday through Thursday</p> <p>Quest; preferred specimen 3 mL</p> <p>Minimum volume 1 mL</p> <p>Lab Corp; preferred specimen 4 mL</p> <p>First morning urine</p>	<p>Urine collected in a sterile collection or added to M4 Viral/Chlamydia transport medium are acceptable</p> <p>Store and transport refrigerated</p> <p>Specimen is stable for 72 hours only</p>	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER
CYTOMEGALOVIRUS IGG/IGM	<p>Gold 5 ml SST</p> <p>Quest; preferred specimen 1 mL</p> <p>Minimum volume 0.5 mL</p> <p>Lab Corp; preferred specimen 0.5 mL</p> <p>Minimum volume 0.2 mL</p>	<p>Spin and do NOT separate. Store and transport refrigerated</p>	Routine	1-8	Days	LABCORP QUEST	1 1	GOLD GOLD
D ANTIGEN			Routine	1-9	Days			
D-DIMER	<p>Blue Citrate 2.7 ml</p> <p>Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times.</p>	<p>Separate and ship Frozen</p> <p>Samples are kept at room temperature and centrifuged to obtain platelet poor plasma within four hours of collection. The centrifuged sample must be tested within 4 hours of collection. If testing is delayed more than 4 hours, separate the platelet poor plasma into a labeled polypropylene tube and freeze. Spin time to obtain platelet poor plasma depends on the centrifuge speed</p>	STAT	1-7	Minutes	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	BLUE CITRATE FROZEN BLUE CITRATE 2.7 ML BLUE CITRATE FROZEN BLUE CITRATE 2.7 ML BLUE CITRATE FROZEN BLUE CITRATE 2.7 ML BLUE CITRATE 2.7 ML BLUE CITRATE FROZEN
DEFAULT TEST	This is a non-orderable test	Lab use only	Routine	1-8	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	CALL LAB CALL LAB CALL LAB CALL LAB

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
DELTA ALA, 24 HR URINE	24 Hour Urine Amber Container Quest; preferred specimen 2 mL Minimum volume 0.6 mL Lab Corp; preferred specimen 3 mL Minimum volume 1 mL	Avoid light exposure. Store and transport sample refrigerated. Transport entire container to the lab. Core Lab Processing Instructions: If the sample needs to be sent to LabCorp, acetic acid is added and specimen must be frozen. Measure the total volume and submit a 5ml aliquot to reference laboratory	Routine	1-9	Days	LABCORP QUEST	1 1	24 HOUR URINE CONTAINER 24 HOUR URINE CONTAINER
DELTA ALA, RANDOM URINE	Amber Urine Container Quest; preferred specimen 2 mL Minimum volume 0.6 mL Lab Corp; preferred specimen 3 mL Minimum volume 1 mL	Avoid light exposure. Store and transport sample refrigerated. Core Lab Processing Instructions: If the sample needs to be sent to LabCorp, acetic acid is added and the specimen must be frozen. Measure the total volume and submit a 5ml aliquot to reference laboratory	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE/AMBER STERILE/AMBER
DERMATOLOGY SKIN CULTURE GRP A STREP AND STAPH AUREUS	1. Remove surface exudate by wiping with sterile saline or 70% ethanol. 2. Aspirate if possible, or pass a swab deep into the lesion and firmly sample the lesion's advancing edge. 3. A sample from the base of the lesion and a sample from the abscess wall are most productive. 4. Tissue or fluid is always superior to a swab specimen. Reference Range: No group A beta hemolytic streptococci or Staphylococcus aureus cultured Rejection Criteria: Received frozen Received in viral transport device Improper specimen collection, storage, and transport	If using ESwab refrigerate (4-8°C) or RT (20-25°C) <=48hrs, otherwise RT <=24hours	Routine	72	Hours	GUTHRIE CLINIC LAB	1	ESwab Regular Collection Kit STERILE CONTAINER STERILE SYRINGE
DESIPRAMINE LEVEL	Red 4 ml Clot Tube SST tubes are unacceptable PATIENT PREPARATION: Collect no sooner than 12 hours after last dose Minimum sample: 1.5 ml serum	Spin and separate into separate vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
DEXAMETHASONE	Red 4 ml Clot Tube PATIENT PREPARATION: Sample should be collected between 8:00 and 10:00 am. Quest; preferred specimen 0.85 mL Minimum volume 0.25 mL Lab Corp; preferred specimen 3 mL Minimum volume 1 mL	Spin and separate into plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
DEXAMETHASONE SUPPRESSION, 1 SPECIMEN	Gold 5 ml SST Orally administer 1 mg of Dexamethasone between 11:00 PM and midnight. Draw serum for cortisol testing between 7:00 - 9:00 AM the NEXT morning. Quest; preferred specimen 1 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 3 mL Minimum volume 1 mL	Spin and separate into separate vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
DHEA (DEHYDROEPIANDROSTERON E)	Red 10 ml Clot Tube PATIENT PREPARATION: Overnight fasting is preferred. SST tubes are unacceptable. Quest; preferred specimen 0.5 mL Minimum volume 0.3 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and separate serum into a plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
DHEA SULFATE	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 0.8 mL Minimum volume 0.3 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
DIALYSIS ENVIRONMENTAL DIALYSATE CULTURE	Dialysate from dialysis machines in sterile cup	Ship to lab room temp	Routine	72	Hours	GUTHRIE CLINIC LAB	1	STERILE CUP STERILE CONTAINER
DIALYSIS ENVIRONMENTAL WATER CULTURE	Water from dialysis stations,ports,inlets submitted in sterile cup Rejection Criteria: Improper specimen collection, storage, and transport	Ship to lab room temp	Routine Routine Routine	72 72 72	Hours Hours Hours	GUTHRIE CLINIC LAB	1	STERILE CONTAINER STERILE CUP
DIAZEPAM	Red 4 ml Clot Tube SST tubes are unacceptable. Collect prior to next dose. Panel includes: Diazepam, Nordiazepam and Oxazepam	Spin and separate into plastic vial. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
DIBUCAINE NUMBER (LC)	Gold 5 ml SST Preferred specimen 0.5 mL Minimum volume 0.2 mL	Spin and do not separate	Routine	1-7	Days	LABCORP	1	GOLD
DICHLOROMETHANE, BLOOD	QUEST: Preferred specimen 2 mL Minimum volume 0.7 mL LABCORP: 2 Green 10 ml Sodium Heparin. Tubes should be filled completely. Preferred specimen 20 mL (2 tubes) Minimum volume 2.5 mL	Do not spin or separate. Whole blood required. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	3 2	LAVENDAR EDTA GREEN TOP- NAHEP GRAY
DIGITOXIN LEVEL	Red 4 ml Clot Tube SST tubes are unacceptable Minimum sample: 0.5 ml	Spin and separate into separate vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
DIGOXIN	Red top tube	Spin and separate into separate vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	RED RED RED RED
DIHYDROTESTOSTERONE	Red 4 ml Clot Tube SST tubes are unacceptable Quest; preferred specimen 1 mL Minimum volume 0.6 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and separate into separate vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
DIPHThERIA ANTITOXOID ANTIBODY	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.2 mL Lab Corp; preferred specimen 0.5 mL Minimum volume 0.25 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD

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DIRECT ANTIGLOBULIN	Pink 6ml EDTA preferred Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Stable refrigerated up to 72 hours.	Routine	1-7	Days	GCL BLOOD BANK CH BLOOD BANK TCH BLOOD BANK TMH BLOOD BANK	1 1 1 1	PINK EDTA PINK EDTA PINK EDTA PINK EDTA
DIRECT ANTIGLOBULIN TEST	Pink 6ml EDTA preferred Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Stable refrigerated up to 72 hours.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1 1	PINK EDTA PINK EDTA PINK EDTA
DISOPYRAMIDE	Red 10 ml Clot Tube SST tubes are unacceptable.	Spin and separate serum into plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
DOXEPIN & NORDOXEPIN LEVEL	Red 4 ml Clot Tube PATIENT PREPARATION: Collect no sooner than 12 hours after last dose SST tubes are unacceptable Minimum sample: 1.5 ml	Spin and separate into plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
DPD GENE MUTATION ANALYSIS	3 Lavender 3 ml EDTA Minimum sample: 3 ml A signed informed consent form is required to perform testing if specimen is collected in New York. Consent forms can be found on the Guthrie Intranet - select department Laboratory and the Forms link under General Lab forms. Choose either Quest Diagnostics Informed Consent Form or LabCorp Genetic Testing Consent Form 2011 (dependent on patient insurance)	Do not spin or separate. Whole blood required Store and transport at room temperature	Routine	1-7	Days	LABCORP QUEST	1 1	LAVENDAR EDTA LAVENDAR EDTA
DRUG SCREEN MECONIUM	5 g meconium in a sterile container Test includes Amphetamines, Barbiturates, Benzodiazepines, Cocaine metabolites, Marijuana Metabolite, Methadone, Opiates, PCP (Phencyclidine), Propoxyphene Minimum volume 1 gm	Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
DRUG SCREEN SERUM COMPREHENSIVE	<p>QUEST: 3 Green 10 ml Sodium Heparin Preferred specimen 30 mL Minimum volume 15 mL</p> <p>LABCORP: 1 10 ml Plain Red and 1 Gray top tube Preferred specimen 7 mL whole blood 4 mL serum Minimum volume 0.5 mL whole blood 1.5 mL serum</p>	<p>QUEST: Do not spin or separate. Whole Blood required Store and transport REFRIGERATED</p> <p>LABCORP: Separate serum from cells and transfer to plastic transport tube. Submit full, unopened gray-top tube. Store and transport REFRIGERATED</p> <p>QUEST INCLUDES: Acetaminophen, Alprazolam, Amitriptyline, Amobarbital, Amphetamines, Benzodiazepine Metabolites, Benztropine, Butabarbital, Butalbital, Caffeine, Cannabinoids, Carbamazepine, Carisoprodol, Chlordiazepoxide, Chlorphentramine, Chlorpromazine, Chlorpropamide, Cocaine, Cocaine Metabolites, Codeine, Cyclobenzaprine, Desalkylflurazepam, Desipramine, Dextromethorphan, Diazepam, Diphenhydramine, Doxepin, Ethanol, Glutethimide, Ibuprofen, Imipramine, Lidocaine, Meperidine, Mephentoin, Mephobarbital, Meprobamate, Methadone, Methaqualone, Nicotine, Nordiazepam, Nordoxepine.</p>	Routine	1-7	Days	LABCORP QUEST	2 3	OTHER GREEN TOP- NAHEP
DRUG SCREEN URINE COMPREHENSIVE	<p>Urine Container Plain, Random 30ml of urine are required</p>	<p>Store and transport refrigerated Tests Include: Acetone, Acetaminophen, Alprazolam, Amantadine, Amitriptyline, Amobarbital, Amphetamine, Atropine, Benzoyllecgonine, Benzotropine, Brompheniramine, Butabarbital, Carisoprodol, Chlordiazepoxide, Chlorpheniramine, Chlorpromazine, Chlorpropamide, Chlorprothixine, Chlorzoxazone, Clomipramine, Clonazepam, Clonidine, Cocaethylene, Cocaine, Codeine, Cotinine, Cyclobenzaprine, Desalkylflurazepam, Desipramine, Dextromethorphan, Diazepam, Diphenhydramine, Diphenoxylate, Doxepin, Doxylamine, Ethanol, Ephedrine, Fluoxetine, Glutethimide, Haloperidol, Hydrocodone, Hydromorphone, Hydroxyzine, Ibuprofen, Imipramine, Isopropanol, Levorphanol, Lidocaine, Lorazepam, Loxepine, Maprotiline, Meperidine, Mephentoin, Mephobarbital, Meprobamate, Methadone, Methamphetamine, Methanol, Metharbital, Methaqualone, Methprylon,</p>	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
DRUG SCREEN, URINE CHAIN OF CUSTODY	Chain of custody urine container		Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TMH DRUG LAB	1 1 1 1	OTHER OTHER OTHER OTHER
DRUG SCREEN, URINE (IN-HOUSE LABS)	Collect 10-20 ml of urine into a sterile container. Sayre/Troy: Yellow Urine tube Corning: Sterile cup Both the needled and/or needleless urine containers are acceptable for collecting a urine drug screen.	Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1 1	STERILE CONTAINER STERILE CUP YELLOW URINE CHEMISTRY YELLOW/GRAY YELLOW URINE CONICAL TUBE STERILE CUP STERILE CONTAINER STERILE CUP STERILE CONTAINER YELLOW URINE CONICAL TUBE YELLOW/GRAY YELLOW URINE CHEMISTRY
DRUG SCREEN, URINE (TOWANDA)	Collect 10-20 ml of urine into a sterile container. Both the needled and/or needleless urine containers are acceptable for collecting a urine drug screen.	Store and transport refrigerated.	Routine	1-7	Days	TOWANDA HOSPITAL LAB	1	STERILE CUP STERILE CONTAINER
DRUGS OF ABUSE SCREEN, BLOOD	Quest; preferred specimen 5 mL Minimum volume 3 mL Lab Corp; preferred specimen 7 mL Minimum volume 3 mL	Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	2 2	RED RED
D-XYLOSE, 1 HR BLOOD	Gray 4 ml Fluoride/Oxalate Preferred specimen 4 mL Minimum volume 1 mL PATIENT PREPARATION: Overnight fasting and during the entire test period Procedure: 1. Obtain a fasting blood sample. 2. Orally administer the standard D-Xylose solution, 25 grams of D-Xylose dissolved in 250ml of tap water. Record the starting time of the test and the amount of D-Xylose given. 3. Collect a blood specimen 1 hour after the D-xylose administration and another sample 2 hours after administration. 4. Label specimen with time of collection and the hour of the test.	Do not spin or separate. Whole blood required. Store and transport refrigerated	Routine	1-7	Days	QUEST	1	GRAY

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
D-XYLOSE, 2 HR BLOOD	Gray 4 ml Fluoride/Oxalate Preferred specimen 4 mL Minimum volume 1 mL PATIENT PREPARATION: Overnight fasting and during the entire test period Procedure: 1. Obtain a fasting blood sample. 2. Orally administer the standard D-Xylose solution, 25 grams of D-Xylose dissolved in 250ml of tap water. 3. Collect a blood specimen 1 hour after the start of the test. Record the starting time of the test and the amount of D-Xylose given. 4. Label specimen with time of collection and the hour of the test.	Do not spin or separate. Whole blood required. Store and transport refrigerated	Routine	1-7	Days	QUEST	1	GRAY
D-XYLOSE, 5HR URINE	24 Hour Urine Plain Container Test must be SCHEDULED with the phlebotomy dept. EXT. 2167 PATIENT PREPARATION: Overnight fasting and during the entire test period 1. At the start of the test, have the patient empty the bladder completely and discard the urine. 2. Give patient a standard D-Xylose solution, 25 grams of D-Xylose dissolved in 250ml of tap water and administer orally, immediately followed by an additional 250ml of water to encourage urine production. Patient is encouraged to drink water but must remain fasting during the procedure. 3. Collect all urine specimens voided during the next 5-hour period, including the final 5-hour void in the same container. Store REFRIGERATED during collection.	PROCESSING: 1. Mix total urine collection thoroughly, measure total volume and aliquot. Aliquot urine into an empty (gray-top) blood collection tube (the oxalate/fluoride will serve as a preservative for the urine). If (gray-top) tube is glass, please transfer urine to a plastic tube before shipping. 2. Record the dose of xylose given and the total 5-hour volume of the urine collection. If additional tests are ordered, please submit a separate specimen	Routine	1-7	Days	LABCORP QUEST	1 1	24 HOUR URINE CONTAINER 24 HOUR URINE CONTAINER
D-XYLOSE, FASTING BLOOD	Gray 4 ml Fluoride/Oxalate Preferred specimen 4 mL Minimum volume 1 mL PATIENT PREPARATION: Overnight fasting required	Do not spin or separate. Whole blood required. Store and transport refrigerated	Routine	1-7	Days	QUEST	1	GRAY
DYPHILLINE	Red 4 ml Clot Tube SST tubes are unacceptable	Spin and separate into plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
EAR CULTURE (C&S)	1. Tympanocentesis should be reserved for complicated, recurrent, or persistent otitis media. 2. For an intact ear drum, clean the ear canal with soap solution and collect fluid via syringe aspiration technique. 3. Aspirate into a sterile container. 4. Label sample noting the specimen source. Reference Range: No aerobic growth for aerobic culture, No growth aerobic/anaerobic for anaerobic culture TAT for anaerobic cultures: 5 days Rejection Criteria: Improper specimen collection, storage, and transport	If using ESwab refrigerate (4-8°C) or RT (20-25°C) <=48hrs, otherwise RT <=24hours	Routine Routine	5 96	Days Hours	GUTHRIE CLINIC LAB	1	ESwab Minitip Collection Kit STERILE CONTAINER

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ECHINOCOCCUS ANTIBODY, IGG	Quest; preferred specimen 1 mL Minimum volume 0.2 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.5 mL A positive Echinococcus Antibody test is followed by Western Blot confirmation automatically	Store and transport refrigerated. Lab Corp; spin and do not separate.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD RED
ECHOVIRUS ANTIBODY PANEL	Gold 5 ml SST Quest; preferred specimen 2 mL Minimum volume 1 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
EHRLICHIA CHAFFEENSIS PANEL (IGG, IGM)	Quest; Gold 5 ml SST Preferred specimen 1 mL Minimum volume 0.2 mL Lab Corp; Lavender EDTA Preferred specimen 1 mL Minimum volume 0.2 L	Quest; Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	LAVENDAR EDTA GOLD
ELECTROLYTE PANEL	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
ELECTROLYTE PANEL URINE	Urine container -random urine	Transfer to 10ml urine tube for transport. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	YELLOW URINE CONICAL TUBE STERILE CUP STERILE CONTAINER
ELECTROLYTE PANEL,FLUID	Sayre/Troy:Isolation Tube Corning: Red 10 ml Clot tube List specimen SOURCE on the container.	Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	ISOLATION TUBE
ELECTROLYTES STOOL	Clean Cup, no preservative Preferred specimen 10 mL liquid stool Minimum volume 3 mL Collect 3-10ml of liquid stool. FREEZE. A separate stool container is required for each FROZEN stool test	Transport frozen sample on dry ice	Routine	1-7	Days	QUEST	1	STERILE CUP
ENDOMYSIAL AB IGA	Gold 5 ml SST Preferred specimen 1 mL Minimum volume 0.3 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
EPIDERMAL ANTIBODY WITH REFLEX TITER	Gold 5 ml SST Quest; preferred specimen 0.5 mL Minimum volume 0.1 mL	Spin and do not separate. Store and transport refrigerated If the test results are positive, a titer is performed automatically.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
EPSTEIN BARR, EARLY AB	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 0.5 mL Minimum volume 0.2 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
EPSTEIN-BARR VIRUS AB PANEL	Gold 5 ml SST This panel includes: EBV Viral Capsid Antigen (VCA) IgM and IgG Antibodies, EBV Virus Nuclear Antigen (EBNA) IgG Antibody and Reflex EBV Early Antibody. Quest; preferred specimen 1 mL Minimum volume 0.8 mL Lab Corp; preferred specimen 2 mL Minimum volume 1 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD

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EPSTEIN-BARR VIRUS DNA, QL PCR	Lavender 3 ml EDTA Notes: Spinal fluid, tissue and bone marrow are also acceptable Quest; preferred specimen 1 mL Minimum volume 0.3 mL Lab Corp; preferred specimen 2 mL Minimum volume 0.5 mL	Do not spin or separate Store and transport REFRIGERATED.	Routine	1-7	Days	LABCORP QUEST	1 1	LAVENDAR EDTA LAVENDAR EDTA
ERYTHROPOIETIN	Gold 5 ml SST Specimen must be collected between 7:30am and Noon to reduce diurnal variation Quest; preferred specimen 1 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 0.5 mL Minimum volume 0.3 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ESTRADIOL	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	2 1	Hours Days	GUTHRIE CLINIC LAB	1	GREEN LIHEP PST GOLD
ESTRADIOL (REF LAB)	Gold tube	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ESTRADIOL, PEDIATRIC	Red 4 ml Clot Tube Quest; preferred specimen 0.5 mL Minimum volume 0.2 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.6 mL	Centrifuge and separate serum into a plastic screw-cap vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
ESTRIOL, SERUM	Red 4 ml Clot Tube Quest; preferred specimen 0.5 mL Minimum volume 0.3 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.3 mL	Spin and separate serum into a plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
ESTROGENS, FRACTIONATED SERUM	Red 10 ml Clot Tube Panel includes: Estriol, Estrone, Estradiol Quest; preferred specimen 2.5 mL Minimum volume 1.5 mL	Spin and separate serum into a plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
ESTROGENS, TOTAL SERUM	Gold 5 ml SST - minimum 2 ml serum Quest; preferred specimen 2 mL Minimum volume 1 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ESTRONE SULFATE	Gold 5 ml SST Preferred volume : 0.5 mL Minimum sample: 0.3 ml	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ESTRONE, SERUM	Red 4 ml Clot Tube Quest; preferred specimen 0.5 mL Minimum volume 0.25 mL Lab Corp; preferred specimen 0.8 mL Minimum volume 0.4 mL	Centrifuge and separate serum into a plastic screw-cap vial. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED GOLD LAVENDAR EDTA RED
ETHANOL URINE	30 ml urine collected in a urine container with temperature strip Quest; minimum volume 7 mL	Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER

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ETHOSUXIMIDE LEVEL	Red 4 ml Clot Tube PATIENT PREPARATION: Optimum time to collect sample is 4 hours post oral dose. SST tubes are unacceptable Quest; preferred specimen 1 mL Minimum volume 0.5 mL Lab Corp; preferred specimen 1 mL Minimum volume 0.6 mL	Spin and separate into plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
ETHOTOIN (PEGANONE)	Red 4 ml Clot Tube SST tubes are unacceptable	Spin and separate into plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
ETHYLENE GLYCOL	Quest; preferred specimen 3 mL Minimum volume 1 mL Lab Corp; preferred specimen 7 mL Minimum volume 1.1 mL	Whole blood required. Do NOT open test tube.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GRAY
EVEROLIMUS	Lav EDTA tube	Whole blood required. Do not spin or separate. Store and transport refrigerated. Preferred specimen: 2 ml whole blood, minimum volume 1 ml	Routine	4	Days	LABCORP QUEST	1 1	LAVENDAR EDTA LAVENDAR EDTA
EXTEM (ROTEM)	Blue Citrate 2.7 ml DO NOT collect in same container with Protime/PTT	Do Not Spin-Whole Blood Room Temperature	STAT	60	Minutes	GUTHRIE CLINIC LAB	1	BLUE CITRATE 2.7 ML (ROTEM)
EXTRACTABLE NUCLEAR AG ABS	Gold 5 ml SST Preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
EYE CULTURE	1. If possible, sample both conjunctivae, even if only one is infected, to determine the indigenous microflora. The uninfected eye can service as a control with which to compare the agents isolated from the infected eye. 2. Sample both eyes using separate swabs (premoistened with sterile saline) by rolling over each conjunctiva. 3. Ideally, media is inoculated at time of collection. Reference Range: No aerobic growth Rejection Criteria:: Improper specimen collection, storage, and transport	If using ESwab refrigerate (4-8°C) or RT (20-25°C) <= 48 hours, otherwise RT <=24 hours	Routine	72	Hours	GUTHRIE CLINIC LAB	1	ESwab Regular Collection Kit ESwab Minitip Collection Kit STERILE CONTAINER

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
FACTOR 10 ACTIVITY	Blue Citrate 2.7 ml Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times.	Separate and ship Frozen Centrifuge light blue-top tube for 15 minutes at approximately 1500 g within 60 minutes of collection. Using a plastic pipette, remove plasma, taking care to avoid the WBC/platelet buffy layer and place into a plastic vial. Centrifuge a second time and transfer platelet poor plasma into a new plastic vial and freeze. Spin time to obtain platelet poor plasma depends on the centrifuge speed. RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 4000 6 minutes 5100 - 7100 3 minutes	Routine	6	Days	LABCORP QUEST	1 1	BLUE CITRATE 2.7 ML BLUE CITRATE FROZEN BLUE CITRATE 2.7 ML BLUE CITRATE FROZEN
FACTOR 11 ACTIVITY	Blue Citrate 2.7 ml Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times.	Separate and ship Frozen Centrifuge light blue-top tube for 15 minutes at approximately 1500 g within 60 minutes of collection. Using a plastic pipette, remove plasma, taking care to avoid the WBC/platelet buffy layer and place into a plastic vial. Centrifuge a second time and transfer platelet poor plasma into a new plastic vial and freeze. Spin time to obtain platelet poor plasma depends on the centrifuge speed. RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 4000 6 minutes 5100 - 7100 3 minutes	Routine	1-7	Days	LABCORP QUEST	1 1	BLUE CITRATE 2.7 ML BLUE CITRATE FROZEN BLUE CITRATE 2.7 ML BLUE CITRATE FROZEN

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
FACTOR 12 ACTIVITY	Blue Citrate 2.7 ml Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times.	Separate and ship Frozen Centrifuge light blue-top tube for 15 minutes at approximately 1500 g within 60 minutes of collection. Using a plastic pipette, remove plasma, taking care to avoid the WBC/platelet buffy layer and place into a plastic vial. Centrifuge a second time and transfer platelet poor plasma into a new plastic vial and freeze. Spin time to obtain platelet poor plasma depends on the centrifuge speed. RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 4000 6 minutes 5100 - 7100 3 minutes	Routine	5	Days	LABCORP QUEST	1 1	BLUE CITRATE 2.7 ML BLUE CITRATE FROZEN BLUE CITRATE 2.7 ML BLUE CITRATE FROZEN
FACTOR 2 ACTIVITY	One blue top tube for each 2 factors ordered is required. Blue Citrate 2.7 ml Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times.	Separate and ship Frozen Centrifuge light blue-top tube for 15 minutes at approximately 1500 g within 60 minutes of collection. Using a plastic pipette, remove plasma, taking care to avoid the WBC/platelet buffy layer and place into a plastic vial. Centrifuge a second time and transfer platelet-poor plasma into a new plastic vial. Spin time to obtain platelet poor plasma depends on the centrifuge speed. RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 4000 6 minutes 5100 - 7100 3 minutes	Routine	6	Days	LABCORP QUEST	1 1	BLUE CITRATE 2.7 ML BLUE CITRATE FROZEN BLUE CITRATE 2.7 ML BLUE CITRATE FROZEN
FACTOR 2 MUTATION	2 Lavender EDTA A signed informed consent form is required to perform testing. Quest; preferred specimen 5 mL Minimum volume 3 mL	Do not spin or separate. Whole blood required Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	2 2	LAVENDAR EDTA LAVENDAR EDTA

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
FACTOR 5 ACTIVITY	<p>One blue top tube for each 2 factors ordered is required.</p> <p>Blue Citrate 2.7 ml</p> <p>Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times.</p> <p>Quest; preferred specimen 1 mL</p> <p>Minimum volume 0.5 mL</p>	<p>Separate and ship Frozen</p> <p>Centrifuge light blue-top tube for 15 minutes at approximately 1500 g within 60 minutes of collection. Using a plastic pipette, remove plasma, taking care to avoid the WBC/platelet buffy layer and place into a plastic vial. Centrifuge a second time and transfer platelet poor plasma into a new plastic vial.</p> <p>Spin time to obtain platelet poor plasma depends on the centrifuge speed.</p> <p>RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 4000 6 minutes 5100 - 7100 3 minutes</p>	Routine	6	Days	LABCORP QUEST	1 1	BLUE CITRATE 2.7 ML BLUE CITRATE FROZEN BLUE CITRATE 2.7 ML BLUE CITRATE FROZEN
FACTOR 7 ACTIVITY	<p>One blue top tube for each 2 factors ordered is required.</p> <p>Blue Citrate 2.7 ml</p> <p>Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times.</p> <p>Quest; preferred specimen 1 mL</p> <p>Minimum volume 0.5 mL</p>	<p>Separate and ship Frozen</p> <p>Centrifuge light blue-top tube for 15 minutes at approximately 1500 g within 60 minutes of collection. Using a plastic pipette, remove plasma, taking care to avoid the WBC/platelet buffy layer and place into a plastic vial. Centrifuge a second time and transfer platelet poor plasma into a new plastic vial.</p> <p>Spin time to obtain platelet poor plasma depends on the centrifuge speed.</p> <p>RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 4000 6 minutes 5100 - 7100 3 minutes</p>	Routine	6	Days	LABCORP QUEST	1 1	BLUE CITRATE 2.7 ML BLUE CITRATE FROZEN BLUE CITRATE 2.7 ML BLUE CITRATE FROZEN

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
FACTOR 8 ACTIVITY	Blue Citrate 2.7 ml Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times. One blue top tube for each 2 factors ordered is required.	Separate and ship Frozen Samples are kept at room temperature and centrifuged to obtain platelet poor plasma within four hours of collection. The centrifuged sample must be tested within 4 hours of collection. If testing is delayed more than 4 hours, separate the platelet poor plasma into a labeled polypropylene tube and freeze. Spin time to obtain platelet poor plasma depends on the centrifuge speed. RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 5100 5 minutes 5100 - 7100 3 minutes	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	BLUE CITRATE 2.7 ML
FACTOR 8 ACTIVITY (REF LAB)	Blue Citrate 2.7 ml Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times.	Separate and ship Frozen Centrifuge light blue-top tube for 15 minutes at approximately 1500 g within 60 minutes of collection. Using a plastic pipette, remove plasma, taking care to avoid the WBC/platelet buffy layer and place into a plastic vial. Centrifuge a second time and transfer platelet poor plasma into a new plastic vial and freeze. Spin time to obtain platelet poor plasma depends on the centrifuge speed. RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 4000 6 minutes 5100 - 7100 3 minutes	Routine	1-7	Days	LABCORP QUEST	1 1	BLUE CITRATE 2.7 ML BLUE CITRATE 2.7 ML
FACTOR 8 INHIBITOR	3 Blue 2.7 ml Sodium Citrate Quest; preferred specimen 6 mL Minimum volume 3 mL	Spin and separate plasma from all three tubes into THREE separate plastic vials DO NOT mix plasma from the three test tubes together. FREEZE Transport tubes FROZEN from regional office on dry ice.	Routine	1-7	Days	LABCORP QUEST	3 3	BLUE CITRATE 2.7 ML BLUE CITRATE 2.7 ML

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
FACTOR 9 ACTIVITY	Blue Citrate 2.7 ml Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times.	Separate and ship Frozen Centrifuge light blue-top tube for 15 minutes at approximately 1500 g within 60 minutes of collection. Using a plastic pipette, remove plasma, taking care to avoid the WBC/platelet buffy layer and place into a plastic vial. Centrifuge a second time and transfer platelet poor plasma into a new plastic vial and freeze. Spin time to obtain platelet poor plasma depends on the centrifuge speed. RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 4000 6 minutes 5100 - 7100 3 minutes	Routine	6	Days	LABCORP QUEST	1 1	BLUE CITRATE 2.7 ML BLUE CITRATE FROZEN BLUE CITRATE 2.7 ML BLUE CITRATE FROZEN
FACTOR V LEIDEN MUTATION	2 Lavender EDTA A signed informed consent form is required to perform testing Quest; preferred specimen 5 mL Minimum volume 3 mL	Do not spin or separate. Whole blood required Store and transport at ROOM TEMPERATURE.	Routine	1-7	Days	LABCORP QUEST	2 2	LAVENDAR EDTA LAVENDAR EDTA
FECAL FAT QUANTITATIVE	Stool 24 hour PATIENT PREPARATION: Patient should be on a diet including 100 grams of fat per day for 3 days prior to collection and during collection. Quest; preferred specimen 3 gm Minimum volume 3 gm Labcorp: One or more clean LabCorp-approved stool collection kits (order LabCorp No 03192) containing a 1-gallon can, absorbent sheet, Armlock O-ring, and a leakproof plastic bag must be used.	Quest: Collect either a 24, 48 or 72 hour stool sample. Keep sample FROZEN during and after collection. Transport frozen sample on dry ice Note duration of 24, 48, or 72 hours on the container Labcorp: Weigh specimen and collection container and subtract the weight of an empty container of same type (one-gallon can weight with lid: 360 g metal or 320 g plastic container). This is the "net weight" to be recorded on the test request form. Open the container and observe whether the contents are liquid. If liquid stool, secure the lid, mix, and submit an aliquot of the total collection. If solid stool, add deionized water (approximately 500 mL) to the specimen container and mix thoroughly to create a homogenous specimen. Submit a 5-25 mL aliquot of the total collection in an empty stool transport vial (LabCorp N° 59517) or screw-cap urine bottle (LabCorp N° 20648), sterile no additives. Record on both the container and the	Routine	1-7	Days	LABCORP QUEST	1 1	CALL LAB 24 HOUR FECAL CONTAINER

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
FELBAMATE	Red 4 ml Clot Tube SST tubes are unacceptable Optimum time to collect sample is 1 hour before next dose Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and separate into plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
FENTANYL LEVEL	Red 4 ml Clot Tube SST tubes are unacceptable Quest; preferred specimen 2 mL Minimum volume 1 mL	Spin and separate into plastic vial. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
FENTANYL URINE QUANTITATIVE	30 ml urine collected in a urine container with temperature strip	This test includes both fentanyl and norfentanyl. Store and transport urine sample refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER
FERRITIN	Sayre/Troy/Towanda: Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB TOWANDA HOSPITAL LAB	1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
FETAL CELL STAIN (KLEIHAUER BETKE)	Whole blood required.	Do not spin or separate. Store specimen at ROOM TEMPERATURE up to 24 hours.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	PINK EDTA LAVENDAR EDTA
FETAL FIBRONECTIN	FFN Tube Special Collection Kit Required. Call x-5680 to request a kit. PATIENT PREPARATION: Specimens must NOT be collected if the patient has had sexual intercourse within 24 hours. Semen and/or sperm cause false positive test results.	Store and transport the sample refrigerated. Sample is stable refrigerated up to 3 days.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	FETAL FIBRONECTIN FETAL FIBRONECTIN
FETAL SCREEN	Pink 6ml EDTA preferred Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Store and ship at room temperature or refrigerated up to 72 hours	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	PINK EDTA PINK EDTA
FETALSCREEN	Pink 6ml EDTA preferred Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Store and ship at room temperature or refrigerated up to 72 hours	Routine	1-7	Days	GCL BLOOD BANK CH BLOOD BANK	1 1	PINK EDTA PINK EDTA
FIBRIN DEGRADATION PRODUCTS	Blue Citrate 2.7 mL Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times.	Separate and ship Frozen Samples are kept at room temperature and centrifuged to obtain platelet poor plasma within four hours of collection. The centrifuged sample must be tested within 4 hours of collection. If testing is delayed more than 4 hours, separate the platelet poor plasma into a labeled polypropylene tube and freeze. Spin time to obtain platelet poor plasma depends on the centrifuge speed. RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 5100 5 minutes 5100 - 7100 3 minutes	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	BLUE CITRATE 2.7 ML BLUE CITRATE 2.7 ML

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FIBRINOGEN	Blue Citrate 2.7 ml Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times.	Separate and ship Frozen Samples are to be kept at room temperature and centrifuged to obtain platelet poor plasma within four hours of collection. The centrifuged sample must be tested within 4 hours of collection. If testing will be delayed more than 4 hours, separate the platelet poor plasma into a labeled polypropylene tube and freeze. Spin time to obtain platelet poor plasma depends on the centrifuge speed. RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 5100 5 minutes 5100 - 7100 3 minutes	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1	BLUE CITRATE 2.7 ML BLUE CITRATE 2.7 ML BLUE CITRATE 2.7 ML BLUE CITRATE FROZEN
FIBTEM (ROTEM)	Blue Citrate 2.7 ml DO NOT collect in same container with Protine/PTT	Do Not Spin-Whole Blood Room Temperature	STAT	60	Minutes	GUTHRIE CLINIC LAB	1	BLUE CITRATE 2.7 ML (ROTEM)
FISH, B-CELL CLL PANEL	Preferred specimen: 3 ml bone marrow in transport media. Bone marrow or whole blood in SODIUM Heparin (green-top) tube also acceptable. Collect only if specimen can be sent to reference lab on same day- specimen viability decreases during transit.	Store and transport at room temperature	Routine	1-7	Days	LABCORP QUEST	1 1	OTHER GREEN TOP-NAHEP OTHER GREEN TOP-NAHEP
FISH,ANEUVYSION, PRENATAL SCRIN	2 Sterile Tubes	20 ml amniotic fluid collected into a sterile container is required. Store and transport at ROOM TEMPERATURE. Please note the specimen source as amniotic fluid on the body of the container This test is used as a prenatal screen, in conjunction with a full chromosome analysis, to detect aneuploidy such as Trisomy 21, Monosomy X, etc	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER
FIT (FECAL OCCULT IMMUNOCHEMICAL TEST)	Collect stool in collection hat. Open green cap of Sampling bottle by turning to the left and pulling upwards. Scrape the surface of the fecal sample with the sample probe, covering the grooved portion of the probe completely with stool sample. Insert sample probe into sampling bottle and close tightly. Do not reopen.	Store and transport refrigerated.	STAT Routine	1 24	Hours Hours	GUTHRIE CLINIC LAB	1	FIT STOOL SAMPLING BOTTLE
FK506 TACROLIMUS	Lavender 3 ml EDTA	Do not spin or separate. Whole blood required Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	LAVENDAR EDTA LAVENDAR EDTA

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FLECAINIDE LEVEL	Red 10 ml Clot Tube SST tubes are unacceptable Optimum time to collect sample is 1 hour before next dose Minimum sample: 0.5 ML	Spin and separate into plastic vial. Store and transport refrigerated	Routine	7	Days	LABCORP QUEST	1 1	RED RED
FLU A / FLU B / RSV PCR ASSAY	Please note: Routine testing is not recommended outside of the respiratory virus season due to low specificity. NASOPHARYNX 1. Gently insert the Xpert Nasopharyngeal Sample Collection Kit nasopharyngeal swab approximately ½ the distance to the same-side ear (3 - 5 cm). 2. Roll against inside nasal wall. 3. Immediately place swab into Xpert Nasopharyngeal Sample Collection Kit Transport Tube. 4. Label source as Nasopharynx. Reference Range: Negative Rejection Criteria: Improper specimen collection, storage, and transport	Store and transport Refrigerated. Specimens placed in Xpert Nasopharyngeal Sample Collection Kit can be stored 2-8°C for 7 days.	STAT Routine	1 24	Hours Hours	GUTHRIE CLINIC LAB	1	XPERT NASOPHARYNGEAL SAMPLE COLLECTION KIT STERILE CONTAINER
FLUID ALKALINE PHOSPHATASE	White Fluid Tube List specimen SOURCE on the container.	Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB	1	WHITE FLUID TUBE
FLUID ALT	Isolation Tube List specimen SOURCE on the container.	Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	ISOLATION TUBE
FLUID AST	Isolation Tube List specimen SOURCE on the container.	Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	ISOLATION TUBE
FLUID CD4/CD8 WITH RATIO	2 tubes total - 2 lavender EDTA tubes filled with BAL fluid Testing should be completed within 48 hours of collection. Weekend testing is not available at this time. REGIONAL OFFICES, test available Monday-Thurs PRIOR TO COURIER PICK UP EACH DAY. SAYRE, test available Monday-Thursday. Friday samples must be collected before 11:00AM. Methodology is immunophenotyping Stability: Samples need to be tested within 48 hours of collection. It is recommended that samples not be collected for testing after the courier pick up each day Monday through Thursday.	Store and transport refrigerated (2-8 C).	Routine STAT	48 48	Hours Hours	GUTHRIE CLINIC LAB	2	LAVENDAR EDTA

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FLUID CD4/CD8 WITH RATIO (QUEST)	Peripheral Blood: Green NaHep, Yellow ACD, or Lavendar EDTA tube. 3 ml required. Bone Marrow: 1-4 ml submitted in a Green NaHep, Yellow ACD, or Lavendar EDTA tube. Tissue or Body fluids: Any type in a Sterile container REGIONAL OFFICES, test available Monday-Thurs PRIOR TO COURIER PICK UP EACH DAY. SAYRE, test available Monday-Thursday. Friday samples must be collected before 11:00AM. Stability: Samples need to be tested within 48 hours of collection. It is recommended that samples not be collected for testing after the courier pick up each day Monday through Thursday.	Peripheral blood and bone marrow: Store and transport at room temp. Tissue and Body fluid: Store and transport refrigerated (2-8 C).	Routine	1-7	Days	QUEST	1	LAVENDAR EDTA GREEN NA HEPARIN ACD YELLOW SOLUTION A 8.5 ML STERILE CONTAINER
FLUID COMPREHENSIVE METABOLIC	Isolation Tube Label specimen with SOURCE. Panel includes: Albumin, Alk. Phosphatase, ALT (Alanine aminotransferase), AST (Aspartate aminotransferase), Bilirubin total, BUN, Calcium, Chloride, Creatinine, CO2, Glucose, Potassium, Protein total, Sodium.	Store and ship refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	ISOLATION TUBE
FLUID DIFFERENTIAL	Lavendar EDTA Label specimen with SOURCE.	Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	LAVENDAR EDTA LAVENDAR EDTA
FLUID GGT	Isolation Tube List specimen SOURCE on the container.	Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	ISOLATION TUBE
FLUID LDH	Sayre/Corning/Troy: White Fluid Tube List specimen SOURCE on the container.	Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB	1	WHITE FLUID TUBE
FLUID LIPASE	2 mL pleural, pancreatic or peritoneal fluid in a sterile transport tube. List specimen SOURCE on the container. Minimum volume 0.5 mL Send to Quest Diagnostics 17602 - Peritoneal Fluid 317601 - Pleural Fluid 17604 - Pancreatic Fluid	Store and transport refrigerated.	Routine	5	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	STERILE CONTAINER STERILE CONTAINER STERILE CONTAINER STERILE CONTAINER
FLUID PHOSPHOROUS	Isolation Tube List specimen SOURCE on the container.	Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	ISOLATION TUBE
FLUID UREA NITROGEN (REF LAB)	1 mL body fluid in sterile container. List specimen SOURCE on the container. Minimum volume 0.25 mL	Centrifuge specimen to remove any cellular material. Store and transport refrigerated.	Routine	4	Days	LABCORP QUEST	1 1	STERILE CONTAINER WHITE FLUID TUBE STERILE CONTAINER WHITE FLUID TUBE
FLUID URIC ACID (REF LAB)	1 mL synovial fluid in a sterile container. List specimen SOURCE on the container. Minimum volume 0.5 mL	Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER
FLUID, CALCIUM	White Fluid Tube List specimen SOURCE on the container.	Store and transport refrigerated	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB	1	WHITE FLUID TUBE

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FLUID, CEA	3 mL pleural or pericardial fluid in a sterile transport tube. List specimen SOURCE on the container. Minimum volume 2 mL Send to Quest Diagnostics 17605 - Pericardial Fluid 17584 - Pleural Fluid	Store and transport refrigerated	Routine	6	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	STERILE CONTAINER STERILE CONTAINER STERILE CONTAINER STERILE CONTAINER
FLUID, CEA (REF LAB)	White Fluid Tube List specimen SOURCE on the container	Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	WHITE FLUID TUBE WHITE FLUID TUBE
FLUORIDE, SERUM OR PLASMA	Quest: Red 4 ml Clot Tube Labcorp: Royal blue-top (EDTA) tube	QUEST: Centrifuge and separate serum into a plastic screw-cap vial. Store and transport refrigerated. LABCORP: Do not spin or separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	ROYAL BLUE EDTA WHOLE BLD RED
FLUOXETINE	Red 10 ml Clot Tube SST tubes are unacceptable PATIENT PREPARATION: Optimum time to collect specimen is 10-14 hours post oral dose. Minimum sample: 0.5 ml	Spin and separate into separate vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED LAVENDAR EDTA GREEN TOP- NAHEP RED LAVENDAR EDTA GREEN TOP- NAHEP
FLUPHENAZINE LEVEL	Red 10 ml Clot Tube Optimal time to draw: 1-2 hr post oral dose at steady state Minimum sample: 2.5 ml	Spin and separate serum into plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
FLURAZEPAM LEVEL	Quest: 2 Lavender 3 ml EDTA Labcorp: Red 10 ml Clot Tube Minimum sample: 1 ML	QUEST: Spin and separate into plastic vial. Store and transport refrigerated LABCORP: Spin and separate into plastic vial. Store and transport FROZEN	Routine	1-7	Days	LABCORP QUEST	1 2	RED LAVENDAR EDTA
FOLATE	SAYRE/TROY/TOWANDA: Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB TOWANDA HOSPITAL LAB	1 1	GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD
FOLATE (REF LAB)	Gold SST Protect from Light	Spin and do not separate. Protect from light. Store and transport refrigerated Note: Send serum in an amber tube. If amber tube is not available, wrap tube in aluminum foil to protect from light.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD/AMBER RED/AMBER GOLD/AMBER RED/AMBER

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
FOLATE RBC	Quest: 1 Lavender EDTA Mix gently and minimize light exposure by wrapping tube with foil. Preferred specimen 2 mL Minimum volume 0.2 mL Labcorp: 4 Lavender EDTA - 3 tubes whole blood frozen and 1 tube whole blood refrigerated	Quest: Do not spin or separate. Whole blood required. Mix gently and minimize light exposure by wrapping tube with foil. Store and transport at ROOM TEMPERATURE. Sample is stable at room temperature up to 72 hours. Labcorp: Transfer whole blood from THREE LAVENDAR TUBES into a plastic transport tube and freeze. Refrigerate other whole blood tube	Routine	1-7	Days	LABCORP QUEST	4 1	LAVENDAR EDTA LAVENDAR EDTA
FOLLICLE STIMULATING HORMONE	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	2 1	Hours Days	GUTHRIE CLINIC LAB	1	GREEN LIHEP PST GOLD
FOLLICLE STIMULATING HORMONE (REF LAB)	Gold SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
FORMIC ACID	Red 4 ml Clot Tube SST tubes are unacceptable Minimum sample 0.5 ml	Spin and separate into plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
FRAGILE X DNA	QUEST: 2 Lavender EDTA LABCORP: 4 Lavender EDTA A signed informed consent form is required to perform testing.	Do not spin or separate. Whole blood required. QUEST: Store and transport refrigerated. LABCORP: Store and transport at room temperature.	Routine	1-7	Days	LABCORP QUEST	4 2	LAVENDAR EDTA PINK EDTA LAVENDAR EDTA PINK EDTA
FREE HEMOGLOBIN, PLASMA	Green 10 ml Sodium Heparin AVOID Hemolysis Minimum sample: 0.5 ml	Spin and separate plasma into plastic vial immediately. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GREEN NA HEPARIN GREEN NA HEPARIN
FREE KAPPA/LAMBDA SERUM	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
FRUCTOSAMINE	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated Hemolyzed or icteric serum is not suitable for testing.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
FSH,PEDIATRIC	Red top tube Quest preferred specimen 0.5 mL Labcorp preferred specimen 1.0 mL Minimum volume 0.3 mL	Spin and separate into plastic transport tube. Store and transport FROZEN	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
FTA-ABS	Gold 5 ml SST Minimum sample: 0.5 ml Quest; preferred specimen 1 mL Minimum volume 0.2 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
FUNGITELL 1-3 BETA-D-GLUCAN	Gold SST tube Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and separate. Pour off serum into a cryogenic vial (DNAse, RNAse, Pyrogen-free - available from lab send out). FREEZE	Routine	1-7	Days	QUEST	1	OTHER

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
FUNGUS CULTURE	Material or fluid from any body site with a minimum of 1 mL for fluids. Refer to bacteriology culture for specific collection requirements. Reference Range: No mycotic organisms cultured Rejection Criteria: Improper specimen collection, storage, and transport	Storage and transport is dependent upon source, contact Microbiology lab (ext 5097). Each specimen should be in an individual bag	Routine Routine Routine	4 4 4	Weeks Weeks Weeks	GUTHRIE CLINIC LAB	1	STERILE CONTAINER
FUNGUS CULTURE BODY FLUID	Fluid from any body site with a minimum of 1 mL for fluids	Store and transport at room temperature for sterile sites and refrigerated for nonsterile sites. Each specimen should be in an individual bag Rejection Criteria: Improper specimen collection, storage, and transport	Routine Routine Routine	4 4 4	Weeks Weeks Weeks	GUTHRIE CLINIC LAB	1	STERILE CONTAINER STERILE CUP STERILE SWAB STERILE SYRINGE
FUNGUS CULTURE, BLOOD	"Collect 10 ml of blood in 10 ml Isolator tube (if an adult patient), 1.5 ml of blood in 1.5 Isolator tube (if a pediatric patient). 1. Disinfect blood culture ISOLATOR tube by rubbing stopper with 70% alcohol and allowing it to dry. 2. Palpate for vein and mark with fingernail impression. 3. Using Chloraprep One-Step Kit, pinch the wings on the applicator to break the ampule. Do not touch sponge. Wet the sponge by repeatedly pressing and releasing the sponge against the treatment area until liquid is visible on the skin. Scrub the venipuncture site for 2 minutes with the alcohol sponge and allow to dry for 1 minute. Discard sponge. 4. Perform venipuncture using a vacutainer safety lok butterfly needle. DO NOT repalpate the venipuncture site. Collect 10 ml of blood (if an adult patient), 1.5 ml of blood (if a pediatric patient). 5. Mix and properly label the ISOLATOR Tube. Reference Range: No mycotic organisms cultured Rejection Criteria: Improper specimen collection, storage, and transport	Store and transport at room temperature. DO NOT REFRIGERATE. Deliver to the lab for testing within one day of specimen collection.	Routine Routine Routine STAT STAT STAT	4 4 4 4 4 4	Weeks Weeks Weeks Weeks Weeks Weeks	GUTHRIE CLINIC LAB	1	ISOLATION TUBE
GABAPENTIN LEVEL	Red 4 ml Clot Tube SST tubes are unacceptable. Minimum sample: 0.5 ml PATIENT PREPARATION: Draw samples two hours after last dose at steady state.	Spin and separate into plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
GALACTOSE, QUANTITATIVE URINE	Urine Container Plain, Random	Collect 5ml of urine. FREEZE. Transport frozen sample on dry ice	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
GANGLIOSIDE GD1B IGM ANTIBODY	Gold 5 ml SST Minimum sample: 0.5 ml Quest; preferred specimen 1 mL Minimum volume 0.2 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
GANGLIOSIDE GM-1 AB PANEL	Gold 5 ml SST tube Overnight fasting preferred Minimum sample: 0.5 ml	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
GARDNERELLA VAGINALIS DNA PROBE, QUANTITATIVE	PROCEDURE: 1. Visualize the posterior vaginal fornix. Remove excessive discharge. 2. Collect vaginal fluid using Collection-Eze swab. Roll the swab against the vaginal wall 2-3 times. Swab the lateral vaginal wall while removing the swab. 3. Immediately place the swab into specimen tube. With the swab touching the bottom of the tube, break off swab handle and cap tube. 4. Label specimen, noting source of vagina.	Store in the refrigerator up to 72 hours.	Routine Routine Routine	72 72 72	Hours Hours Hours	GUTHRIE CLINIC LAB	1	AMIES MEDIA WITH CHARCOAL (BLUE TOP)
GASTRIC OCCULT BLOOD	1 ml gastric contents in a sterile container	Transport immediately to the lab	Routine	1-7	Days	CORNING HOSPITAL LAB	1	STERILE CONTAINER
GASTRIN	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL PATIENT PREPARATION: Overnight fasting for at least 12 hours is required.	Spin and separate serum into a plastic vial. FREEZE serum within 1 hour of collection. Transport frozen sample from regional office on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
GC/CHLAMYDIA DNA PROBE	PATIENT PREPARATION: urethral males Patient should not have urinated for at least 1 hour prior to specimen collection. PROCEDURE: 1. Using the large swab wipe away any secretions from the glans penis and discard the large swab. 2. Insert the small swab into the urethra. Gently rotate swab for 2-3 seconds with enough pressure to ensure contact with all urethral surfaces. 3. Withdraw swab and place into M4 transport media vial, snapping off the swab shaft at the perforation. Discard shaft tip and recap M4 container. 4. Properly label the sample noting the source as urethral. 5. Specimen must be refrigerated once in M4 media and is stable refrigerated up to 7 days. NOTE: Urine is NOT the specimen of choice for this test. A urethral swab is the preferred specimen. PROCEDURE: urine MALES Only 1. Instruct patient not to urinate for 2 hours prior to specimen collection. 2. Collect the first 10-50 ml of urine into a urine container. Urine maybe stored up to 7 days in the refrigerator. PROCEDURE:	Rejection Criteria: * Bloody or mucoid specimens * 2 swabs in M4 (improperly collected) * Male swab collected on female * Specimen collected on swabs other than M4 kit	Routine Routine Routine	72 72 72	Hours Hours Hours	GUTHRIE CLINIC LAB	1	M4 MEDIA STERILE CONTAINER
GENTAMICIN PEAK	Red 4 ml Draw one hour after intramuscular dose or 30 minutes after the completion of a 30 minute intravenous infusion	Spin and separate into separate vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1 1	RED RED 5 ML RED RED 5 ML RED RED 5 ML

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
GENTAMICIN RANDOM	Red 4 ml	Spin and separate into separate vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1 1	RED RED 5 ML RED RED RED 5 ML
GENTAMICIN TROUGH	Red 4 ml Draw just before next dose	Spin and separate into separate vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1 1	RED RED 5 ML RED RED RED 5 ML
GGT	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
GIARDIA AND CRYPTOSPORIDIUM	This test can be combined with a stool culture. Only one orange para-pak is required. 1. Pass stool directly into a clean, dry container. 2. Transfer the appropriate volume of stool into the Para-Pak Orange capped container. The stool volume must raise the preservative up to the RED line. 3. Mix and secure cap. Reference Range: Negative Rejection Criteria: Sources other than stool Improper specimen collection, storage, and transport. > 2 specimens over a 2-3 day period Specimens from inpatients > 3 days in hospital	Store specimen refrigerated up to 1 week	Routine Routine STAT STAT	5 72 5 72	Days Hours Days Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	ORANGE PARA PAK ORANGE PARA PAK
GIARDIA ANTIBODY, IFA	Gold 5 ml SST Minimum sample: 0.5 ml	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	QUEST	1	GOLD
GIARDIA LAMBLIA ANTIGEN	This test can be combined with a stool culture. Only one orange para-pak is required. 1. Pass stool directly into a clean, dry container. 2. Transfer the appropriate volume of stool into the Para-Pak Orange capped container. The stool volume must raise the preservative up to the RED line. 3. Mix and secure cap. Reference Range: Negative Rejection Criteria: Sources other than stool Improper specimen collection, storage, and transport. > 2 specimens over a 2-3 day period Specimens from inpatients > 3 days in hospital	Store specimen refrigerated up to 1 week	Routine Routine Routine STAT STAT STAT	5 72 72 5 72 72	Days Hours Hours Days Hours Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1	ORANGE PARA PAK ORANGE PARA PAK ORANGE PARA PAK
GLUCAGON	Lavender 3 ml EDTA PATIENT PREPARATION: Overnight fasting is required Minimum sample: 1.5 ml Quest; preferred specimen 2 mL Minimum volume 0.5 mL	Spin and separate into separate vial IMMEDIATELY. FREEZE. Transport FROZEN plasma from regional office on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	LAVENDAR EDTA LAVENDAR EDTA

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
GLUCOSE 1 HOUR GTT	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated	STAT Routine	24 24	Hours Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD
GLUCOSE 2 HR GTT	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated	STAT Routine	24 24	Hours Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD
GLUCOSE 3 HR GTT	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated	STAT Routine	24 24	Hours Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD
GLUCOSE 4HR GTT	Green Lithium Heparin PST 4 hours after glucose dose given	Store and ship refrigerated.	STAT Routine	24 24	Hours Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD
GLUCOSE 5 HR GTT	Green Lithium Heparin PST Collect 5 hours after glucose dose given	Store and ship refrigerated	STAT Routine	24 24	Hours Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD
GLUCOSE 6 PHOSPHATE DEHYDROGENASE	2 Lavender 3 ml EDTA	Do not spin or separate. Whole blood required. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	2 2	LAVENDAR EDTA LAVENDAR EDTA
GLUCOSE BODY FLUID	Sayre/Corning/Troy: White Fluid Tube List specimen SOURCE on the container.	Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB	1	WHITE FLUID TUBE
GLUCOSE CSF	Spinal Fluid Container Collect 5 ml spinal fluid. Label container with SOURCE.	Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	CSF CONTAINER CSF CONTAINER
GLUCOSE FASTING	Green Lithium Heparin PST Patient must be fasting for 8 hours.	Spin and do not separate. Store and transport refrigerated.	STAT Routine	24 24	Hours Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST RED GOLD GREEN LIHEP PST GOLD RED GREEN LIHEP PST RED GOLD GREEN LIHEP PST GOLD RED

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
GLUCOSE FASTING GTT	<p>Green Lithium Heparin PST</p> <p>PATIENT PREPARATION: Overnight, 8 hour fast is required. During the test the patient may drink water only. Smoking and eating are prohibited. The patient must remain in the office for the duration of the test.</p> <p>PROCEDURE: 1. Obtain a fasting blood specimen. 2. Verify the patient's fasting blood glucose result by obtaining a drop of whole blood from the Lithium Heparin PST tube or from a finger stick. Test the fasting glucose level using a glucose meter. Proceed as follows. ***** A. Glucose between 50-120 mg/dl proceed with the test. B. Glucose between 120-150 mg/dl, or less than 50 mg/dl, contact attending physician to confirm orders. Document verbal request. C. Glucose greater than 150 mg/dl, contact attending physician and the pathologist. The pathologist contacts the attending physician if the testing should continue. ***** 3. After confirming fasting glucose test results, orally administer 75 grams (1 bottle) of glucose solution (glucola) making certain to check the expiration date, if expired reschedule the test.</p>	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD
GLUCOSE GESTATIONAL 3HOUR TEST	<p>Green Lithium Heparin PST</p> <p>Specimen drawn 3 hours after glucose dose given.</p>	Spin and do not separate. Store and transport refrigerated	STAT Routine	24 24	Hours Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1 1	GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD
GLUCOSE GESTATIONAL TOL 2 HR	<p>Green Lithium Heparin PST</p> <p>PATIENT PREPARATION: Draw 2 hours after glucose load given. During the test the patient may drink water only. Smoking and eating are prohibited.</p>	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1 1	GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD
GLUCOSE RANDOM	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST RED GOLD GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
GLUCOSE TOL GESTATIONAL 1 HR	<p>Green Yellow Lithium Heparin PST</p> <p>PATIENT PREPARATION: Overnight, 8 hour fast is required. During the test the patient may drink water only. Smoking and eating are prohibited. The patient must remain in the office for the duration of the test.</p>	Spin and do not separate. Store and transport refrigerated	STAT Routine	24 24	Hours Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
GLUCOSE TOL GESTATIONAL 2 HR	Green Lithium Heparin PST PATIENT PREPARATION: Overnight, 8 hour fast is required. During the test the patient may drink water only. Smoking and eating are prohibited.	Spin and do not separate. Store and transport refrigerated	STAT Routine	24 24	Hours Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD
GLUCOSE TOL GESTATIONAL 3 HR	Green Lithium Heparin PST PATIENT PREPARATION:Overnight, 8 hour fast is required.During the test the patient may drink water only. Smoking and eating are prohibited.	Spin and do not separate. Store and transport refrigerated.	STAT Routine	24 24	Hours Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD
GLUCOSE TOL GESTATIONAL FAST	Green Lithium Heparin PST PATIENT PREPARATION: Overnight, 8 hour fast is required. During the test the patient may drink water only. Smoking and eating are prohibited. The patient must remain in the office for the duration of the test. PROCEDURE: 1. Obtain a fasting blood specimen. 2. Verify the patient's fasting blood glucose result by obtaining a drop of whole blood from the Lithium Heparin PST tube or from a finger stick. Test the fasting glucose level using a glucose meter. Proceed as follows. ***** A. Glucose between 50-120 mg/dl proceed with the test. B. Glucose between 120-150 mg/dl, contact attending physician to confirm orders. Document verbal request. C. Glucose greater than 150 mg/dl or less than 50 mg/sl, contact attending physician and the pathologist. The pathologist contacts the attending physician if the testing should continue. ***** 3. Immediately thereafter, orally administer 100 grams of glucose (glucola) making certain to check the expiration date, if expired reschedule the test. 4. Specimens are obtained 1 hour, 2 hours and 3 hours later.	Spin and do not separate. Store and transport refrigerated	STAT Routine	24 24	Hours Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
GLUCOSE, 1 HOUR POST PRANDIAL	<p>Green Lithium Heparin PST</p> <p>PATIENT PREPARATION:</p> <p>Overnight 8 hour fast is required if the provider has ordered a fasting glucose.</p> <p>If one is ordered, obtain a fasting blood glucose specimen.</p> <p>2. Verify the patient's fasting blood glucose result by obtaining a drop of whole blood from the Lithium Heparin PST tube or from a finger stick. Test the fasting glucose level using a glucose meter.</p> <p>3. If glucose (glucola) is ordered, verify the patient's fasting blood glucose result by obtaining a drop of whole blood from the Lithium Heparin PST tube or from a finger stick. Test the fasting glucose level using a glucose meter. Proceed as follows.</p> <p>*****</p> <p>A. Glucose less than 120 mg/dl proceed with the test.</p> <p>B. Glucose between 120-150 mg/dl, contact attending physician to confirm orders. Document verbal request.</p> <p>C. Glucose greater than 150 mg/dl, contact attending physician and the pathologist. The pathologist will contact the attending physician if the testing should continue.</p> <p>*****</p> <p>4. As specified by the provider either administer glucose solution (glucola) or direct the patient to eat a meal.</p>	Spin and do not separate. Store and transport refrigerated.	STAT Routine	24 24	Hours Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
GLUCOSE, 2 HOUR POST PRANDIAL	<p>{\rtf1\ansi\deflang1033\ftnbj{\fonttbl{\f0 \modern \charset0 Arial;}}\plain\fs20 Green Lithium Heparin PST \par PATIENT PREPARATION:\par Overnight 8 hour fast is required if the provider has ordered a fasting glucose.\par If one is ordered, obtain a fasting blood glucose specimen.\par 2. Verify the patient's fasting blood glucose result by obtaining a drop of whole blood from the Lithium Heparin PST tube or from a finger stick. Test the fasting glucose level using a glucose meter.\par 3. If glucose (glucola) is ordered, verify the patient's fasting blood glucose result by obtaining a drop of whole blood from the Lithium Heparin PST tube or from a finger stick. Test the fasting glucose level using a glucose meter. Proceed as follows.\par \par *****\par A. Glucose less than 120 mg/dl proceed with the test.\par B. Glucose between 120-150 mg/dl, contact attending physician to confirm orders. Document verbal request.\par C. Glucose greater than 150 mg/dl, contact attending physician and the pathologist. The pathologist will contact the attending physician if the testing should continue.\par *****\par \par 4. As specified by the provider either administer glucose solution (glucola) or direct the patient to eat a meal.\par \par A. Glucose Solution (glucola): Adults, orally administer 75 grams of glucose (1 bottle) within 5 minutes.\par B. Children should be given 1.75 grams per kilogram of body weight or use a Dextol Calculator</p>	Spin and do not separate. Store and transport refrigerated.	STAT Routine	24 24	Hours Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
GLUCOSE, RANDOM URINE	Urine container -random urine	Transfer to clear urine chemistry tube for transport. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	YELLOW URINE CHEMISTRY STERILE CONTAINER STERILE CUP STERILE CUP STERILE CONTAINER
GLUCOSE,GESTATIONAL SCREEN	Green Lithium Heparin PST PATIENT PREPARATION: The test should be performed between weeks 24-28 of gestation. Fasting is NOT required. During the test the patient may drink water only. Smoking and eating are prohibited. PROCEDURE: 1. Orally administer 50 grams of glucose (glucola) making certain to check the expiration date, if expired reschedule the test. 2. Obtain a blood sample 1 hour after glucola administration.	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD GREEN LIHEP PST GOLD
GLUTAMIC ACID DECARBOXYLASE AB	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
GLYCOMARK	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
GONORRHEA DNA PROBE	PATIENT PREPARATION: urethral males Patient should not have urinated for at least 1 hour prior to specimen collection. PROCEDURE: 1. Using the large swab wipe away any secretions from the glans penis and discard the large swab. 2. Insert the small swab into the urethra. Gently rotate swab for 2-3 seconds with enough pressure to ensure contact with all urethral surfaces. 3. Withdraw swab and place into M4 transport media vial, snapping off the swab shaft at the perforation. Discard shaft tip and recap M4 container. 4. Properly label the sample noting the source as urethral. 5. Specimen must be refrigerated once in M4 media and is stable refrigerated up to 7 days. NOTE: Urine is NOT the specimen of choice for this test. A urethral swab is the preferred specimen. PROCEDURE: urine MALES Only 1. Instruct patient not to urinate for 2 hours prior to specimen collection. 2. Collect the first 10-50 ml of urine into a urine container. Urine maybe stored up to 7 days in the refrigerator. PROCEDURE:	Rejection Criteria: * Bloody or mucoid specimens * 2 swabs in M4 (improperly collected) * Male swab collected on female * Specimen collected on swabs other than M4 kit Updated 3/30/11	Routine Routine Routine	72 72 72	Hours Hours Hours	GUTHRIE CLINIC LAB	1	M4 MEDIA

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
GONORRHEA SCREEN	<p>GENITAL: FEMALE</p> <ol style="list-style-type: none"> 1. Remove mucus using the first swab and DISCARD. 2. Collect endocervical (female) using the second swab and inoculate plate. Insert CO2 pellet in well, cover. 3. Properly label the sample noting the source endocervical. <p>GENITAL: MALE</p> <ol style="list-style-type: none"> 1. Using the large swab wipe away any secretions from the glans penis and discard the large swab. 2. Insert the small swab into the urethra. Gently rotate swab for 2-3 seconds with enough pressure to ensure contact with all urethral surfaces. 3. Withdraw swab and inoculate plate. Insert CO2 pellet in well, cover. 4. Properly label the sample noting the source as urethral. <p>THROAT:</p> <ol style="list-style-type: none"> 1. Depress tongue and sample posterior tonsils and inflamed areas with a sterile swab (red or clear cap) and inoculate plate. Insert CO2 pellet in well, cover. 2. Properly label the sample noting the source as throat. <p>Plating Instructions:</p> <ol style="list-style-type: none"> 1. Using forceps, remove the CO2 tablet from the foil pouch and place in the well of the plate. 2. Inoculate the plate by rolling the swab/specimen over 	<p>Store and transport at room temperature.</p> <p>Plated specimen up to 24 hours after collection</p> <p>Swab only up to 6 hours after collection</p>	<p>Routine</p> <p>Routine</p> <p>Routine</p>	<p>72</p> <p>72</p> <p>72</p>	<p>Hours</p> <p>Hours</p> <p>Hours</p>	GUTHRIE CLINIC LAB	1	JEMBEC
GRAM STAIN	<p>Varies with source. Contact Microbiology for information</p> <p>Reference range : Varies with source. The Gram stain is a critical test for the rapid, presumptive diagnosis of infectious agents and also serves to assess the quality of clinical specimens.</p> <p>Rejection Criteria: Improper specimen collection, storage, and transport</p>	Varies with source. Contact Microbiology for information	<p>STAT</p> <p>STAT</p>	<p>45</p> <p>45</p>	<p>Minutes</p> <p>Minutes</p>	<p>CORNING HOSPITAL LAB</p> <p>GUTHRIE CLINIC LAB</p> <p>TROY HOSPITAL LAB</p> <p>TOWANDA HOSPITAL LAB</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p>	<p>SLIDE STERILE SWAB STERILE CONTAINER SWAB, CULTURETTE SINGLE SWAB, CULTURETTE 11 DUAL SLIDE STERILE CONTAINER STERILE SWAB SWAB, CULTURETTE 11 DUAL SWAB, CULTURETTE SINGLE STERILE CONTAINER STERILE SWAB STERILE SYRINGE STERILE CUP SLIDE SWAB, CULTURETTE 11 DUAL SWAB, CULTURETTE SINGLE SLIDE STERILE SWAB STERILE CONTAINER SWAB, CULTURETTE 11 DUAL SWAB, CULTURETTE SINGLE</p>
GROCOTT METHENAMINE SILVER STAIN	This is a non-orderable test	Micro add-on only	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	STERILE CONTAINER

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GROUP AND TYPE	Pink 6ml EDTA preferred Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Stable refrigerated up to 72 hours.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1 1	PINK EDTA PINK EDTA PINK EDTA
GROWTH HORMONE BINDING PROTEIN	Gold 5 ml SST Minimum sample: 0.5 ml	Spin and separate into a plastic vial. FREEZE. Transport frozen sample on dry ice	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
GROWTH HORMONE RELEASING	Red 10 ml Clot Tube PATIENT PREPARATION: Patient should not be on any medication that inhibits pituitary secretion Minimum sample: 1 ml Quest; preferred specimen 3 mL	Spin and separate serum into a plastic vial. FREEZE. Store and transport frozen serum on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
GROWTH HORMONE, HUMAN	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
H INFLUENZAE B AB IGG	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.2 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
H INFLUENZAE B ANTIGEN	Red 10 ml Clot Tube or CSF Minimum sample: 0.5 ml Quest; preferred specimen 1 mL Minimum volume 0.3 mL	QUEST: Spin and separate serum into a plastic vial. FREEZE. Store and transport frozen serum on dry ice. LABCORP: Spin and separate serum into a plastic vial. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
H PYLORI IGG ANTIBODY	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD

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H PYLORI UREA BREATH TEST	<p>BreathTek collection kit required</p> <p>Patient should be fasting for 1 hour before administering test.</p> <p>Make patient aware that the PranaCin-Citric drink contains phenylalanine</p> <p>The use of antimicrobials, proton pump inhibitors, or bismuth preparations within 2 weeks prior to administering the test may cause a false negative result. However, a positive result is still valid.</p> <p>QUEST: This test can only be performed on patients >17 years old.</p> <p>LABCORP: This test can be performed on adult patients and pediatric patients between the ages of 3 and 17.</p> <p>COLLECT BASELINE SAMPLE:</p> <ol style="list-style-type: none"> 1. Pick up blue breath collection bag and remove pull-off cap. 2. Instruct patient to breathe normally, take a deep breath and pause holding their breath for a full second, then exhale into the mouthpiece of the bag. 3. Replace cap firmly until it clicks on the mouthpiece of the bag. 4. Label bag with patient identification and collection information. <p>PREPARE PRANACTION-CITRIC SOLUTION: no more than 60 minutes before administering to patient</p> <ol style="list-style-type: none"> 1. Open PranaCin-Citric pouch and carefully empty contents into drinking cup, making sure that all the contents are transferred to the cup. 	Store and transport at room temperature	Routine	1-7	Days	LABCORP QUEST	2 2	CALL LAB CALL LAB
H PYLORI UREA BREATH TEST, PED (QUEST)	<p>BreathTek collection kit required</p> <p>Patient should be fasting for 1 hour before administering test.</p> <p>Make patient aware that the PranaCin-Citric drink contains phenylalanine</p> <p>The use of antimicrobials, proton pump inhibitors, or bismuth preparations within 2 weeks prior to administering the test may cause a false negative result. However, a positive result is still valid.</p> <p>This test can only be performed on patients 3-17 years of age and is only used by Quest Diagnostics.</p> <p>COLLECT BASELINE SAMPLE:</p> <ol style="list-style-type: none"> 1. Pick up blue breath collection bag and remove pull-off cap. 2. Instruct patient to breathe normally, take a deep breath and pause holding their breath for a full second, then exhale into the mouthpiece of the bag. 3. Replace cap firmly until it clicks on the mouthpiece of the bag. 4. Label bag with patient identification and collection information. <p>PREPARE PRANACTION-CITRIC SOLUTION: no more than 60 minutes before administering to patient</p> <ol style="list-style-type: none"> 1. Open PranaCin-Citric pouch and carefully empty contents into drinking cup, making sure that all the contents are transferred to the cup. 2. Add drinking water to the fill line indicated on the outside of the cup by a raised plastic ridge. 3. Replace the lid securely and swirl the mixture for up 	Store and transport at room temperature	Routine	1-7	Days	QUEST	2	CALL LAB

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H1N1 INFLUENZA A, PCR	NASOPHARYNX: ONE NP swabs must be collected 1. Gently insert a mini-tip swab into the posterior nasopharynx via the nose. 2. Rotate the swab slowly for 5 sec to absorb secretions 3. Immediately place the swab into 0.5-2.0 ml of viral transport media (M4 red solution). Label the container noting the source as nasopharynx 4. Store and transport refrigerated	Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	M4 MEDIA M4 MEDIA
HALOPERIDOL LEVEL	PATIENT PREPARATION: Collect sample 11-17 hours after last dose. SST tubes are not acceptable Minimum sample: 0.5 ml	Spin and separate into separate vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
HAPTOGLOBIN	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
HCG QUALITATIVE SERUM	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	1 24	Hours Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GOLD RED GOLD RED GOLD RED GOLD RED
HCG QUALITATIVE URINE	Urine Container PATIENT PREPARATION: First morning urine specimen preferred.	Transfer to 10 ml urine tube for transport.Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	STERILE CONTAINER YELLOW URINE CONICAL TUBE
HCG QUALITATIVE URINE - (INACTIVE)	Urine Container PATIENT PREPARATION: First morning urine specimen preferred.	Transfer to 10 ml urine tube for transport.Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1 1	STERILE CONTAINER YELLOW URINE CONICAL TUBE
HCG QUANTITATIVE BLOOD	Sayre/Corning/Troy: Gold 5 ml SST Towanda: Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	TOWANDA HOSPITAL LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB GUTHRIE CLINIC LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GOLD GREEN LIHEP PST RED GOLD RED GOLD GREEN LIHEP PST RED
HCV FIBROSURE	10 ml RED top tube - 3.5 ml serum required Patient should be fasting for 8 hours and must be 14 years of age or older Quest; minimum volume 2 mL	Separate serum from cells within one hour of collection. Store and transport FROZEN. LABCORP: submit 2 frozen aliquots - 2.5 mL in first tube and 0.5 mL in second tube	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
HDL CHOLESTEROL	Green Lithium Heparin PST PATIENT PREPARATION: Preferred specimen collection is after patient has fasted 12 hours.	Spin and do not separate. Store and transport refrigerated.	STAT Routine	24 24	Hours Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED

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HEAVY METALS COMP PANEL, URINE	Acid Washed Container 50 ml (for heavy metal testing) PATIENT PREPARATION: Avoid seafood consumption for three days prior to specimen collection Collect the SECOND morning urine in an acid-washed 50ml container. For industrial monitoring, collect urine pre-shift. Quest; preferred specimen 7 mL Minimum volume 3 mL	Store and transport refrigerated	Routine	6	Days	LABCORP QUEST	1 1	ACID WASHED URINE CONTAINER ACID WASHED URINE CONTAINER
HEAVY METALS PANEL, BLOOD	Royal Dark Blue 6 ml EDTA Trace Metal PATIENT PREPARATION: Avoid seafood consumption for three days prior to specimen collection. Minimum sample: 2 ml Quest; preferred specimen 4 mL	Do not spin or separate. Whole blood required. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	ROYAL BLUE EDTA WHOLE BLD ROYAL BLUE EDTA WHOLE BLD
HELICOBACTER PYLORI AG STOOL	Stool in a clean Cup, no preservative. FREEZE. A separate stool container is required for each FROZEN stool test	Transport FROZEN specimen from regional office on dry ice	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CUP STERILE CUP
HELICOBACTER PYLORI IGG	Gold 5 ml SST Performed only on patients 18 years of age and older. For patients less than 18 years of age order H pylori Urea Breath test or Helicobacter pylori antigen, stool.	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GOLD
HELMINTHOSPORIUM HALODES	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
HEMATOCRIT	Lavendar EDTA 3 ml Do not spin. Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Stable at Room Temperature for 12 hours then REFRIGERATE.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	LAVENDAR EDTA LAVENDAR EDTA LAVENDAR EDTA LAVENDAR EDTA
HEMOCHROMATOSIS MUTATION ANAL	2 Lavender EDTA Minimum sample: 3 ml Quest; preferred specimen 5 mL A signed informed consent form is required to perform testing	Do not spin or separate. Whole blood required. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	2 2	LAVENDAR EDTA LAVENDAR EDTA
HEMOGLOBIN	Lavendar EDTA 3ml Do not spin. Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Stable at Room Temperature for 12 hours then REFRIGERATE.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	LAVENDAR EDTA LAVENDAR EDTA LAVENDAR EDTA LAVENDAR EDTA
HEMOGLOBIN A1C	Lavender 3 ml EDTA Do not spin or separate. Whole blood required. If a CBC is requested draw an additional lavender top tube.	Store and transport refrigerated. Do not spin or separate. Whole blood required.	Routine	1-7	Days	GUTHRIE CLINIC LAB TOWANDA HOSPITAL LAB	1 1	LAVENDAR EDTA LAVENDAR EDTA
HEMOGLOBIN A1C (REF LAB)	Lavender 3 ml EDTA Do not spin or separate. Whole blood required. If a CBC is requested draw an additional lavender top tube.	Store and transport refrigerated. Do not spin or separate. Whole blood required.	Routine	1-7	Days	LABCORP QUEST	1 1	LAVENDAR EDTA LAVENDAR EDTA

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HEMOGLOBIN AND HEMATOCRIT	Lavendar EDTA 3 ml Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Stable at Room Temperature for 12 hours then REFRIGERATE.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	LAVENDAR EDTA LAVENDAR EDTA LAVENDAR EDTA LAVENDAR EDTA
HEMOGLOBINOPATHY EVALUATION	2 Lavender 3 ml EDTA Quest; preferred specimen 5 mL Minimum volume 0.5 mL	Do not spin or separate. Whole blood required. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	2 2	LAVENDAR EDTA LAVENDAR EDTA
HEMOSIDERIN QUAL, RANDOM URINE	Urine Container Plain, Random PATIENT PREPARATION: First morning specimen preferred. Hemosiderin may be seen in anemias caused by red cell destruction Minimum sample: 20 ml Quest; preferred specimen 30 mL	Processing: add one boric acid tablet to 30 ml urine. Store and transport refrigerated.	Routine	1-7	Days	QUEST	1	STERILE CONTAINER
HEP B SAG NEUTRALIZATION	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	QUEST	1	GOLD
HEP B SURFACE AB (REF LAB)	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
HEP C VIRAL GENOTYPE 1 NS5A DRUG RESISTANCE	2 White 5 ml PPT Minimum sample: 2 ml Quest; preferred specimen 2 mL Minimum volume 0.6 mL	Spin within 6hr of collection. QUEST: Store and transport refrigerated. LABCORP: FREEZE. Transport FROZEN sample from regional office on dry ice.	Routine	1-7	Days	LABCORP QUEST	2 2	WHITE K2E PPT LAVENDAR FROZEN RED WHITE K2E PPT LAVENDAR EDTA RED
HEPARIN XA	Blue Citrate 2.7 ml Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times.	Separate and ship Frozen Samples are kept at room temperature and centrifuged to obtain platelet poor plasma within one hour of collection. The centrifuged sample must be tested within one hour of collection. If testing is delayed more than one hour, separate the platelet poor plasma into a labeled polypropylene tube and freeze immediately. Spin time to obtain platelet poor plasma depends on the centrifuge speed. PROCESSING: Specimens are centrifuged at appropriate speed to obtain platelet poor plasma. RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 5100 5 minutes 5100 - 7100 3 minutes Reference Range Comments: For treatment of venous thromboembolism, a therapeutic anti-Xa level (measured 4 hours after dosing) with twice-daily Enoxaparin	Routine	1-7	Days	GUTHRIE CLINIC LAB TOWANDA HOSPITAL LAB	1 1	BLUE CITRATE 2.7 ML BLUE CITRATE 2.7 ML BLUE CITRATE FROZEN

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HEPARIN XA (REF LAB)	Blue Citrate 2.7 ml Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times.	Separate and ship Frozen Centrifuge light blue-top tube for 15 minutes at approximately 1500 g within 60 minutes of collection. Using a plastic pipette, remove plasma, taking care to avoid the WBC/platelet buffy layer and place into a plastic vial. Centrifuge a second time and transfer platelet-poor plasma into a new plastic vial Spin time to obtain platelet poor plasma depends on the centrifuge speed. RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 4000 6 minutes 5100 - 7100 3 minutes	Routine	1-7	Days	LABCORP QUEST	1 1	BLUE CITRATE 2.7 ML BLUE CITRATE 2.7 ML
HEPARIN-INDUCED PLATELET ANTIBODY	Red 4 ml	Spin and separate into plastic vial within 1 hr of collection. Store and transport refrigerated. Sample is stable for 48 hours refrigerated. Sample may also be frozen to extend expiration.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	RED 5 ML RED
HEPARIN-INDUCED PLATELET ANTIBODY (REF LAB)	Red top tube	Spin for 15 min at 1500 g as soon as possible after clotting. Separate into plastic vial. Store and transport FROZEN.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
HEPATIC FUNCTION PANEL	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT	45	Minutes	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
HEPATITIS A ANTIBODY, IGM	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GOLD
HEPATITIS A ANTIBODY, IGM (REF LAB)	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
HEPATITIS A ANTIBODY, TOTAL	Gold 5 ml SST Minimum sample: 0.5 ml Quest; preferred specimen 1 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
HEPATITIS B CORE ANTIBODY, IGM	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GOLD
HEPATITIS B CORE ANTIBODY, IGM (REF LAB)	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
HEPATITIS B CORE ANTIBODY, TOTAL	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GOLD

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HEPATITIS B CORE TOTAL (REF LAB)	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
HEPATITIS B DNA, QUANT, PCR	2 lavender EDTA tubes . Spin and separate within 24 hours of collection Quest; preferred specimen 3 mL Minimum volume 1 mL	Spin within 24 hours of collection and separate. FREEZE plasma - Transport FROZEN sample from regional office on dry ice	Routine	1-7	Days	LABCORP QUEST	2 2	LAVENDAR FROZEN LAVENDAR FROZEN
HEPATITIS B E ANTIBODY	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
HEPATITIS B E ANTIGEN	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
HEPATITIS B SURFACE AB GROUPER			Routine		Days			
HEPATITIS B SURFACE ANTIBODY	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GOLD
HEPATITIS B SURFACE ANTIBODY (REF LAB)	Gold SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
HEPATITIS B SURFACE ANTIGEN	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GOLD
HEPATITIS C AB with reflex RNA, RT PCR	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GOLD
HEPATITIS C ANTIBODY	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GOLD
HEPATITIS C ANTIBODY (REF LAB)	Gold 5 ml SST Quest; preferred specimen 4 mL Minimum volume 3 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
HEPATITIS C RNA GENOTYPE RFLX NS5A DRUG RESISTANCE	2 White 5 ml PPT Minimum sample: 2 ml Quest; preferred specimen 3 mL Minimum volume 1.2 mL	Spin within 6hr of collection. QUEST: Store and transport refrigerated. Labcorp: FREEZE. Transport FROZEN sample from regional office on dry ice.	Routine	1-7	Days	LABCORP QUEST	2 2	WHITE K2E PPT LAVENDAR FROZEN RED WHITE K2E PPT LAVENDAR EDTA RED
HEPATITIS C RNA, QUANTITATIVE, PCR	2 EDTA lavender top tubes. Alternate Sample: 2 White 5 ml PPT Gold top is acceptable. Minimum sample: 2 ml Quest; preferred specimen 3 mL Minimum volume 1.2 mL	Spin and separate plasma into a plastic vial within 24 hours of collection. FREEZE. Transport FROZEN samples from regional office on dry ice	Routine	1-7	Days	LABCORP QUEST	2 2	WHITE K2E PPT LAVENDAR EDTA GOLD WHITE K2E PPT LAVENDAR EDTA GOLD
HEPATITIS C VIRAL RNA,QUAL	White 5 ml PPT	Spin within 2 hours of collection and do not separate. FREEZE plasma in PPT Tube. Transport FROZEN sample from regional offices on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	WHITE K2E PPT WHITE K2E PPT
HEPATITIS DELTA IGM ANTIBODY	Labcorp: Gold 5 ml SST Quest: Plain Red tube	Quest: Spin and separate into a plastic vial. Store and transport refrigerated Labcorp: Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD RED
HEPATITIS PANEL, ACUTE	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GOLD

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HEPATITIS PANEL, ACUTE (REF LAB)	2 Gold SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	2 2	GOLD GOLD
HEPTEM (ROTEM)	Blue Citrate 2.7 ml DO NOT collect in same container with Prottime/PTT	Do Not Spin-Whole Blood Room Temperature	STAT	60	Minutes	GUTHRIE CLINIC LAB	1	BLUE CITRATE 2.7 ML (ROTEM)
HER 2/NEU, FISH	Preferred Specimen(s) Formalin fixed paraffin embedded tissue. Invasive or metastatic breast cancer formalin fixed paraffin embedded tissue or slides from formalin fixed paraffin embedded tissue. Collection Instructions Invasive primary or metastatic breast or gastric cancer formalin-fixed, paraffin-embedded tissue or charged/+slides from formalin-fixed, paraffin-embedded tissue. Specimen MUST be fixed in 10% neutral buffered formalin. Cold ischemic time of less than 1 hour and fixation between 6 and 72 hours is recommended. Pathology report must accompany paraffin block or slides. Information required in this report includes: Physician identification, specimen identifiers (case and block number), specimen site and type, collection date, collection time, tissue processing used (routine or microwave), cold ischemic time, type of fixative, duration of fixation, pathologic diagnosis, and IHC score, if performed elsewhere. Ship at room temperature. Do not freeze	Store and Transport Room Temperature	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER
HEREDITARY HYPERCAOGULABILITY PANEL	FOUR LAVENDER 3ml EDTA tubes: Factor V Leiden requires 1 tube, the Factor 2 Mutation (Prothrombin 20210) requires 2 tubes and the MTHFR requires 1 tube. All three of these tests are sent to Quest. Do not spin or separate, whole blood is required. Store and transport refrigerated. THREE BLUE 2.7 ml citrate tubes: Antithrombin, Protein S and Protein C. Three test tubes are required because the Antithrombin and Protein C are performed at Guthrie while the Protein S is sent to Quest.	Lavendar Tubes: Do not spin or separate, whole blood is required. Store and transport refrigerated. Blue Tops: Separate and ship Frozen Samples are kept at room temperature and centrifuged to obtain platelet poor plasma within four hours of collection. The centrifuged sample must be tested within 4 hours of collection. If testing is delayed more than 4 hours, separate the platelet poor plasma into a labeled polypropylene tube and freeze. Spin time to obtain platelet poor plasma depends on the centrifuge speed. RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 4000 6 minutes 5100 3 minutes	Routine	1-7	Days	GUTHRIE CLINIC LAB	7	BLUE CITRATE 2.7 ML

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HERPES SIMPLEX IGG ABS 1 AND 2	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
HERPES SIMPLEX IGM ABS 1 AND 2	Gold 5 ml SST Minimum sample: 0.5 ml Quest; preferred specimen 1 mL Minimum volume 0.3 mL	Avoid hemolysis. Spin and do not separate. Store and transport refrigerated. When the HSV IgM antibody is detected, a titer is performed automatically.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
HERPES SIMPLEX VIRUS CULTURE	Preferred Specimen(s) Nasal/nasopharyngeal swab, endocervical swab, eye swab or lesion (vesicle) aspirate swab, urethral swab, vaginal swab, rectal mucosa swab (without feces) or throat swab collected in V-C-M (green-cap) tube or equivalent. (M4 media is acceptable) Specimens placed in GeneXpert Pink cap preservative will be rejected. Quest; preferred specimen 3 mL Minimum volume 1 mL Alternative Specimen(s) 3 mL bronchial lavage/wash or nasopharyngeal lavage/wash • Fresh (unfixed) tissue collected in V-C-M (green-cap) tube or equivalent or sterile screw-cap container Collection Instructions To maintain optimum viability, place swab into V-C-M (equal volumes of fluid/tissue and V-C-M) or equivalent and transport the specimen to the laboratory as soon as possible. Best recovery is obtained when the specimens are refrigerated at 2-8° C or kept on wet ice following collection and while in transit. If there will be a long delay before processing, specimens in V-C-M or equivalent should be frozen at -70° C or colder and transported on dry ice. Storage or transport at -20° C is not acceptable. Raw (unpreserved) samples should	Store and transport refrigerated. Specimens in VCM or equivalent are stable 4 days refrigerated - for longer stability store at -70 degrees. Unpreserved body fluids are stable for 3 days refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	V-C-M GREEN V-C-M GREEN
HERPES VIRUS 6 AB, IGG (LC)	Gold 5 ml SST Preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP	1	GOLD
HERPES VIRUS 6 AB, IGM	Gold 5 ml SST Preferred specimen 1 mL Minimum volume 1 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP	1	GOLD
HERPES VIRUS 6 ANTIBODY PANEL	Gold 5 ml SST Preferred specimen 0.5 mL Minimum volume 0.1 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	QUEST	1	GOLD
HEXOSAMINIDASE A & TOT,WBC	Yellow 6 ml ACD-B SPECIMEN MUST BE COLLECTED ON THE SAYRE OR CORNING HOSPITAL CAMPUS. Specimen CANNOT be frozen. Specimen must be collected in the mornings on Monday through Thursday only. Specimen must arrive at reference lab within 4 days of collection.	Store and transport REFRIGERATED New York state clients: Informed consent is required	Routine	1-7	Days	LABCORP QUEST	1 1	ACD YELLOW SOLUTION B 6 ML ACD YELLOW SOLUTION B 6 ML

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HISTAMINE	Lavender 3 ml EDTA PATIENT PREPARATION: Avoid taking allergy causing drugs, anti-histamines, oral corticosteroids, and substances which block H2 receptors 24 hours prior to collection. Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and separate immediately into a plastic vial. FREEZE. Store and transport on dry ice. Do not thaw.	Routine	1-7	Days	LABCORP QUEST	1 1	LAVENDAR EDTA LAVENDAR EDTA
HISTAMINE, 24 HR URINE	24 Hour Urine Container with HCl added in lab PATIENT PREPARATION: Avoid taking allergy causing drugs, antihistamines, oral corticosteroids and substances which block H2 receptors 24 hours prior to collection. Required specimen is 24 hr urine preserved with 6N HCl so that specimen pH is below 6. Collect urine in plain 24 hour urine container and refrigerate during and after collection. HCl is added once specimen is received in the core lab.	Avoid direct sunlight on sample. Store and transport sample refrigerated. Send entire container to lab.	Routine	1-7	Days	LABCORP QUEST	1 1	24 HR URINE CONTAINER HCL 24 HR URINE CONTAINER HCL
HISTOPLASMA AG, URINE	Urine Container Plain, Random Quest; preferred specimen 10 mL Minimum volume 1 mL	Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER
HISTOPLASMA ANTIBODY PANEL	Gold 5 ml SST Minimum sample: 0.5 ml Quest; preferred specimen 1 mL	Spin and do not separate. Store and transport refrigerated. Pleural fluid is also acceptable	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
HIV 1,2 AB SCREEN STAT/EXPOSURE CH	Gold 5ml SST Consent form required	Spin and do not separate test tube. Store and transport refrigerated.	Routine	1-7	Days	CORNING HOSPITAL LAB	1	GOLD
HIV 1,2 ANTIBODY SCREEN	Gold 5ml SST Consent required	Spin and do not separate test tube. Store and transport refrigerated.	Routine	1-7	Days	CORNING HOSPITAL LAB	1	GOLD
HIV 1/2 AB DIFFERENTIATION	Gold 5 ml SST	Spin and do not separate. Store and transport sample refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
HIV 1/2 AB P24 AG (TMH)	Green LiHep or Gold SST	Spin and do not separate test tube. Store and transport refrigerated.	STAT	45	Minutes	TOWANDA HOSPITAL LAB	1	GOLD [GREEN LIHEP PST]RED
HIV 1/2 AB P24 AG - EXPOSURE/NEEDLESTICK	Gold SST PATIENT PREPARATION: This test must only be ordered as part of the needlestick / HIV exposure protocol. CONSENT form is required, this test will NOT be performed without a signed consent. Only authorized laboratory personnel will have access to HIV test results.	Spin and do not separate test tube. Store and transport refrigerated.	STAT	45	Minutes	GUTHRIE CLINIC LAB	1	GOLD
HIV 1/2 AG/AB 4TH GEN W REFLEX	This is a reflex test only for confirmation of positive HIV screens. Gold 5 ml SST	Spin and do not separate. Store and transport sample refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
HIV-1 GENOTYPE/PHENOTYPE	White 5 ml PPT Quest; preferred specimen 2 mL Minimum volume 0.6 mL Labcorp; minimum sample 5 mL NOTE: This test is more sensitive than the viral load test and includes an HIV-1 Genotype	Spin and separate plasma within 2 hours of collection into separate plastic screw-capped vial. FREEZE. Transport frozen sample on dry ice. FROZEN PPT Tubes are UNACCEPTABLE	Routine	1-7	Days	LABCORP QUEST	2 1	WHITE K2E PPT WHITE K2E PPT

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HIV-1 RNA, QUANTITATIVE, BDNA	2 lav EDTA Minimum sample: 1.5 ml	Spin and separate within 4hr of collection. Transfer plasma into a SCREW TOP plastic vial and FREEZE. Transport FROZEN sample from regional office on dry ice	Routine	1-7	Days	LABCORP QUEST	2 2	WHITE K2E PPT LAVENDAR EDTA ACD YELLOW SOLUTION A 8.5 ML
HIV-1, RNA, QT PCR	2 lav EDTA Minimum sample: 3 ml Quest; preferred specimen 3 mL Minimum volume 1 mL Plasma from PPT Potassium EDTA (white-top) plasma separator also acceptable	Separate plasma from cells by centrifugation within 24 hours of collection. Transfer the plasma to a separate plastic screw-cap vial. Store and transport FROZEN	Routine	1-7	Days	LABCORP QUEST	2 2	LAVENDAR EDTA PLASMA WHITE K2E PPT LAVENDAR EDTA PLASMA WHITE K2E PPT
HIV1,2 EXPOSURE NEEDLESTICK	Gold 5 ml SST PATIENT PREPARATION: This test should only be ordered as part of the needlestick / HIV exposure protocol. CONSENT form is required, this test will NOT be performed without a signed consent. Only authorized laboratory personnel will have access to HIV test results.	Spin and do not separate test tube. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GOLD
HLA ANTIBODY SCREEN FOR HLA MATCHED PLATELETS	Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Spin and separate into plastic container. Send entire sample to the Lab. Store and transport refrigerated.	Routine	1-7	Days	GCL BLOOD BANK CH BLOOD BANK TCH BLOOD BANK	1 1 1	RED PINK EDTA PINK EDTA PINK EDTA
HLA ANTIBODY SCREEN HLA PLT	Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Spin and separate into plastic container. Send entire sample to the lab. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	RED
HLA ANTIGEN TYPING	Call Blood Bank at 570-887-4128 to determine the number test tubes to draw. The number of tubes depends on the patient's WBC count.NOTE: 7ml ACD-A are also acceptable but the number of test tubes may increase due to lower volume of sample.	Do not spin. Store at ROOM TEMPERATURE.Not stable for transport from regional office.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	ACD YELLOW SOLUTION B 6 ML ACD YELLOW SOLUTION A 8.5 ML
HLA ANTIGEN TYPING FOR HLA MATCHED PLATELETS	Call Blood Bank at 570-887-4128 to determine the number test tubes to draw. The number of tubes depends on the patient's WBC count.NOTE: 7ml ACD-A are also acceptable but the number of test tubes may increase due to lower volume of sample.	Do not spin. Store at ROOM TEMPERATURE.Not stable for transport from regional office.	Routine	1-7	Days	GCL BLOOD BANK	1	ACD YELLOW SOLUTION B 6 ML ACD YELLOW SOLUTION A 8.5 ML
HLA DR/DQ TYPING	Call Blood Bank at 570-887-4128 to determine the number test tubes to draw. The number of tubes depends on the patient's WBC count.NOTE: 7ml ACD-A are also acceptable but the number of test tubes may increase due to lower volume of sample.	Do not spin. Store at ROOM TEMPERATURE.Not stable for transport from regional office.	Routine	1-7	Days	GCL BLOOD BANK CH BLOOD BANK TCH BLOOD BANK	1 1 1	PINK EDTA PINK EDTA PINK EDTA
HLA DR/DQ TYPING ORDER	Call Blood Bank at 570-887-4128 to determine the number test tubes to draw. The number of tubes depends on the patient's WBC count.NOTE: 7ml ACD-A are also acceptable but the number of test tubes may increase due to lower volume of sample.	Do not spin. Store at ROOM TEMPERATURE.Not stable for transport from regional office.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	ACD YELLOW SOLUTION B 6 ML ACD YELLOW SOLUTION A 8.5 ML

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HLA TYPING FOR CELIAC DISEASE	3 Lav EDTA tubes Quest; preferred specimen 5 mL Minimum volume 3 mL	Whole blood required. Do not spin or separate. Store and transport refrigerated.	Routine	8	Days	LABCORP QUEST	3 3	LAVENDAR EDTA LAVENDAR EDTA
HLA-B27 ANTIGEN (Quest NY)	Quest: Green 10 ml Sodium Heparin Minimum sample: 1 ml Preferred specimen 5 mL Collect only on Hospital campuses Monday through Friday before Quest courier arrival. Specimens must be sent to reference lab the same day of collection. Regional Offices may collect specimen if the specimen arrives at Guthrie Sayre before noon on the same day of collection.	Do not spin or separate. Store and transport at ROOM TEMPERATURE. Stable for 48 hours only	Routine	1-7	Days	LABCORP QUEST	1 1	LAVENDAR EDTA GREEN NA HEPARIN
HLA-B27 Antigen (Quest PA only)	Quest: Green 10 ml Sodium Heparin Minimum sample: 1 ml Quest; preferred specimen 5 mL This test can not be performed on patients collected in NY - see HLA-B27 (Quest NY) Quest 93099. Labcorp: Lavender EDTA 3 ml	Do not spin or separate. Store and transport at ROOM TEMPERATURE.	Routine	6	Days	LABCORP QUEST	1 1	LAVENDAR EDTA GREEN NA HEPARIN
HOMOCYSTEINE	Green Lithium Heparin PST PATIENT PREPARATION: 10 hour fast is recommended.	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GREEN LIHEP PST
HOMOCYSTEINE (REF LAB)	Red top tube or green sodium heparin tube Note: It is very important to centrifuge and separate serum or plasma from red blood cells as soon as possible to avoid falsely elevated results.	Red-top tubes (no gel): Place the specimen in the refrigerator or ice bath for 30 minutes after collection. Centrifuge the specimen as soon as possible after complete clot formation. Transfer the serum to a plastic specimen transport tube. Mark the specimen type as serum on the transport tube. heparin (green-top) tube Place the specimen in the refrigerator or ice bath after collection. Centrifuge the specimen as soon as possible. Transfer the plasma to a plastic specimen transport container. Mark the specimen type as plasma on the transport tube. Do not submit whole blood Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED GREEN NA HEPARIN RED GREEN NA HEPARIN

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HOMOVANILLIC ACID 24 HOUR UR	24 Hour Urine Container with HCl added in core lab PATIENT PREPARATION: Patient should avoid alcohol, coffee, tea, tobacco and strenuous exercise prior to collection. It is preferable for the patient to be off medications for three days prior to collection. However, common antihypertensives (diuretics, ACE inhibitors, calcium channel blockers, alpha and beta blockers) cause minimal or no interference. Required specimen is 24 hr urine preserved with 6N HCl so that specimen pH is below 3. Collect urine in plain 24 hour urine container and refrigerate during and after collection. HCl is added once specimen is received in the core lab. Quest; preferred specimen 10 mL Minimum volume 5 mL	Send entire container to lab. After collection, adjust pH to <3.0 using 6N HCl. Urine without preservative is acceptable if pH is below 6 and the sample is shipped frozen. Store and transport sample refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	24 HR URINE CONTAINER HCL 24 HR URINE CONTAINER HCL
HOMOVANILLIC ACID RANDOM UR	Urine Container, random with HCl added in lab Minimum sample: 5 ml PATIENT PREPARATION: Patient should avoid alcohol, coffee, tea, tobacco and strenuous exercise prior to collection. It is preferable for the patient to be off medications for three days prior to collection. However, common antihypertensives (diuretics, ACE inhibitors, calcium channel blockers, alpha and beta blockers) cause minimal or no interference.	After urine collection, add 6N HCl to maintain a pH below 3. Urine without preservative is acceptable if pH is below 6 and the sample is shipped frozen. Store and transport sample refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	URINE RANDOM HCL URINE RANDOM HCL
HPV, COBAS HIGH-RISK (REFLEX)			Routine		Days			
HPV, HIGH RISK	Thin Prep Solution (PreservCyt Vial) Quest; preferred specimen 3 mL Minimum volume 1.5 mL	Transport specimen at room temperature.	Routine	1-7	Days	LABCORP QUEST	1 1	THIN PREP MEDIA THIN PREP MEDIA
HPV, MRNA E6/E7, POST-HYSTERECTOMY, VAGINAL	Vaginal specimen collected in 3 mL PreservCyt® transport medium (Thin Prep®) vial Quest; preferred specimen 3 mL Minimum volume 1.5 mL	Store and transport at room temperature	Routine	1-7	Days	QUEST	1	THIN PREP MEDIA
HSV DNA, TYPE 1 AND 2, PCR CSF	Spinal Fluid Container Minimum sample: 0.5 ml	Collect 1ml of spinal fluid. Label with specimen SOURCE. FREEZE. Store and transport on dry ice	Routine	1-7	Days	LABCORP QUEST	1 1	CSF CONTAINER CSF CONTAINER
HSV IGG AB, TYPE 2	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
HTLV-I/II AB W/ REFLEX WB	Gold 5 ml SST Minimum sample: 1 ml Quest; preferred specimen 1 mL Minimum volume 0.7 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD

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HUNTINGTON DIS MUTATION	2 Lavender 3 ml EDTA For patients under the age of 18 please call 1-866-GENEINFO prior to specimen collection. Patients under the age of 18 should ONLY be tested if they are symptomatic. Patients under the age of 18 should NOT be tested if they are pre-symptomatic with a positive family history of Huntington Disease. A signed request/waiver MUST accompany the specimen. Consent forms can be found on the Guthrie Intranet - select department Laboratory and the Forms link under General Lab forms. Select Huntington Disease Request Form. Minimum sample: 3 ml	Do not spin or separate. Store and transport refrigerated.	Routine	1-7	Days	QUEST	2	LAVENDAR EDTA
HYDROCODONE, QUANTITATIVE	Red 4 ml Clot Tube SST tubes are unacceptable. Test tube must be completely full to yield 1ml minimum serum sample	Spin and separate into plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
HYDROXYCORTICOSTERONE	Red 4 ml Clot Tube	Spin and separate into plastic vial. Store and transport FROZEN	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
HYDROXYPROLINE, PLASMA	Green 10 ml Sodium Heparin	Spin and separate plasma within 30 minutes of collection. FREEZE immediately. Store and transport on dry ice	Routine	1-7	Days	QUEST	1	GREEN NA HEPARIN
HYPERSENSITIVITY PNEUMONITIS	Gold 5 ml SST Quest; preferred specimen 2 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
HYPOGLYCEMIC PANEL	Red 4 ml Clot Tube. SST tubes are not acceptable	Promptly centrifuge and separate serum or plasma into a plastic screw-cap vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED GRAY
IBD (STOOL)	Collect stool specimen. Store and transport frozen A separate stool container is required for each FROZEN stool test	Store and transport frozen	Routine	1-7	Days	CORNING HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1	STERILE CUP STERILE CONTAINER STERILE CUP STERILE CONTAINER
IBD DIFFERENTIATION PANEL	Gold 5 ml SST Quest; preferred specimen 2 mL Minimum volume 1.4 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
IBUPROFEN,QUANTITATIVE	Red 4 ml Clot Tube Minimum sample: 1 ml Quest; preferred specimen 2 mL	Spin and separate into plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
IGD	Gold 5 ml SST Minimum sample: 0.5 ml Quest preferred specimen 1 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
IGE	Gold 5 ml SST Minimum sample: 0.5 ml Quest; preferred specimen 1 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
IGF BINDING PROTEIN -1	Gold 5 ml SST Minimum sample: 0.5 ml Quest; preferred specimen 1 mL Minimum volume 0.2 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
IGF BINDING PROTEIN -2	Gold 5 ml SST Minimum sample: 0.5 ml Quest; preferred specimen 1 mL Minimum volume 0.2 mL	Spin and separate. FREEZE. Transport frozen sample on dry ice	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD

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IGF BINDING PROTEIN -3	Gold 5 ml SST Minimum sample: 0.5 ml Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
IGG INDEX/SYNTHESIS RATE, CSF	GOLD 5 ml Tube and CSF Sample This test is included in the Multiple Sclerosis 2 Panel. TEST NOT AVAILABLE FOR REGIONAL OFFICE due to CSF Requirements BLOOD SAMPLE: Collect 1ml serum (0.5ml min). Spin and do not separate CSF SAMPLE: Collect 2 ml CSF (1 ml min). Label sample with SOURCE. 1 ml serum (0.5 min) required. CSF must be crystalline clear. Both serum and CSF must be sent for calculation of synthesis rate by nephelometry	Store and transport both CSF and serum refrigerated. The blood draw for this test is automatically ordered as Blood Draw for CSF/Blood panels and will have a separate accession number. Create aliquot on this test for blood specimen and label the blood tube with the aliquot label. It is preferred that the collection date and time be the same for both specimens. Serum can be drawn within 48 hours of the CSF but this is not recommended.	Routine	1-7	Days	LABCORP QUEST	1 1	CSF CONTAINER CSF CONTAINER
IGG SUBCLASSES	Gold 5 ml SST PATIENT PREPARATION: Overnight fasting is preferred Minimum sample: 1.5 ml Quest; preferred specimen 2 mL Minimum volume 1 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
IMIPRAMINE & DESIPRAMINE	Red 4 ml Clot Tube SST tubes are unacceptable Specimen should be collected >12 hours after dose Minimum sample: 1.5 ml	Spin and separate into plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
IMMUNE CELL FUNCTION	Green 10 ml Sodium Heparin Test available by prior arrangement only Call the Lab Send Out Department before collecting this sample at x-5680 as the sample must arrive in Sayre before the morning Quest courier leaves. Minimum sample: 0.5 ml	Do not spin or separate. Whole blood required. Store and transport at ROOM TEMPERATURE. Sample is stable for 30 HOURS ONLY!	Routine	1-7	Days	LABCORP QUEST	1 1	GREEN LITHIUM HEPARIN GREEN LITHIUM HEPARIN
IMMUNE COMPLEX BY C1Q BINDING	Red 4 ml Clot Tube SST tubes are unacceptable Minimum sample: 0.5 ml	Spin and separate. FREEZE. Transport sample from Regional Office on dry ice. With multiple tests, submit a separate tube for each test.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
IMMUNOFIXATION SERUM	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine STAT	6 6	Days Days	GUTHRIE CLINIC LAB	1	GOLD
IMMUNOFIXATION SERUM (REF LAB)	Gold 5 ml SST Overnight fasting is preferred Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine		Days	LABCORP QUEST	1 1	GOLD GOLD
IMMUNOFIXATION URINE	Sayre and Troy- Collect Urine in sterile container and transfer to yellow urine tube.	Store and transport refrigerated	Routine STAT	6 6	Days Days	GUTHRIE CLINIC LAB	1	YELLOW URINE CHEMISTRY
IMMUNOFIXATION URINE (REF LAB)	Collect Urine in sterile container. Quest; preferred specimen 50 mL Minimum volume 10 mL	Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CUP YELLOW URINE CONICAL TUBE STERILE CONTAINER STERILE CUP YELLOW URINE CONICAL TUBE

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IMMUNOGLOBULINS IGA	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GOLD
IMMUNOGLOBULINS IGA (REF LAB)	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
IMMUNOGLOBULINS IGG	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GOLD
IMMUNOGLOBULINS IGG (REF LAB)	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
IMMUNOGLOBULINS IGG IGA IGM	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GOLD
IMMUNOGLOBULINS IGG IGA IGM (REF LAB)	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
IMMUNOGLOBULINS IGM	Golg 5 ml SST	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GOLD
IMMUNOGLOBULINS IGM (REF LAB)	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
INFECTIOUS MONONUCLEOSIS SCREEN	Sayre/Corning/Troy: Lavender 3 ml EDTA Towanda: Gold SST	Sayre/Corning/Troy: Do not spin or separate. Whole blood required. Store and transport refrigerated. Sample is stable for 72 hours. Towanda: Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	LAVENDAR EDTA LAVENDAR EDTA LAVENDAR EDTA GOLD RED
INFLIXIMAB CONC & ANTI-INFLIXIMAB AB	2 ml serum in Red top tube	Spin and separate serum within 45 minutes of collection; transfer into a plastic transport tube. Store and transport refrigerated	Routine	10	Days	LABCORP QUEST	1 1	RED RED

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
INFLUENZA A & B PCR ASSAY	<p>Please note: Routine testing is not recommended outside of the respiratory virus season due to low specificity.</p> <p>NASOPHARYNX 1. Gently insert the Xpert Nasopharyngeal Sample Collection Kit nasopharyngeal swab approximately ½ the distance to the same-side ear (3 - 5 cm). 2. Roll against inside nasal wall. 3. Immediately place swab into Xpert Nasopharyngeal Sample Collection Kit Transport Tube. 4. Label source as Nasopharynx.</p> <p>Reference Range: Negative</p> <p>Rejection Criteria: Improper specimen collection, storage, and transport</p>	<p>Store and transport Refrigerated.</p> <p>Specimens placed in Xpert Nasopharyngeal Sample Collection Kit can be stored 2-8°C for 7 days.</p>	STAT Routine	1 24	Hours Hours	GUTHRIE CLINIC LAB	1	XPRT NASOPHARYNGEAL SAMPLE COLLECTION KIT STERILE CONTAINER
INFLUENZA A SCREEN	<p>NASAL WASHING (preferred method) 1. Tilt patient's head at 70 degree angle. Draw 3 ml of preservative free saline into rubber bulb or syringe. 2. Insert into one nostril while occluding the other. 3. Squeeze and release several times. Squirt into sterile saline vial. 4. Label sample, noting source of nasal wash.</p> <p>NASOPHARYNX (secondary method) 1. Gently insert a mini-tip swab into the posterior nasopharynx via the nose. 2. Rotate the swab slowly for 5 sec to absorb secretions. 3. Immediately place NP swab into 3.0 ml of saline noting the source as nasopharynx</p>	Specimen must be received in the Sayre lab within 24 hours. Store nasal wash samples in the refrigerator.	Routine STAT Routine STAT Routine STAT	8 1 8 1 8 1	Hours Hours Hours Hours Hours Hours	GUTHRIE CLINIC LAB TROY HOSPITAL LAB CORNING HOSPITAL LAB	1 1 1	STERILE CONTAINER STERILE CONTAINER STERILE CONTAINER

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
INFLUENZA A&B RAPID AG	<p>Please note: Routine testing is not recommended outside of the respiratory virus season due to low specificity.</p> <p>NASAL WASHING (preferred method)</p> <ol style="list-style-type: none"> 1. Tilt patient's head at 70 degree angle. 2. Draw 1 mL of saline into rubber bulb or syringe. 3. Instill saline into nasal cavity. 4. Immediately recover sample by aspiration. 5. Place recovered specimen into sample container. 6. Label source as Nasal Washings. <p>NASOPHARYNX (secondary method)</p> <ol style="list-style-type: none"> 1. Gently insert the nasopharyngeal swab approximately ½ the distance to the same-side ear (3 - 5 cm). 2. Roll against inside nasal wall. 3. Place swab into 0.5 - 3 mL sterile saline within 1 h of collection. 4. Label source as Nasopharynx. <p>NASAL (secondary method)</p> <ol style="list-style-type: none"> 1. Gently insert the nasal swab into the nostril with the most drainage or most congestion. 2. Roll against the inside nasal wall. 3. Place swab into 0.5 - 3 mL sterile saline within 1 h of collection. 4. Label source as Nasal. <p>Reference Range: Negative</p> <p>Rejection Criteria:</p>	Specimen must be received in the testing lab within 24 hours. Store samples in the refrigerator.	STAT Routine STAT Routine STAT Routine	45 24 45 24 45 24	Minutes Hours Minutes Hours Minutes Hours	TROY HOSPITAL LAB CORNING HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1	STERILE CONTAINER STERILE CONTAINER STERILE CONTAINER
INFLUENZA A, B CULTURE	<p>Throat swab, nasopharyngeal swab, nasopharyngeal aspirate and throat washings. After aseptic collection of fluid (up to 3mls) or throat swab, place directly into M4 transport media</p> <p>NOTE: Wooden shaft swabs are unacceptable. Dry swabs (swabs not in M4 media) will also be rejected</p>	All Viral Cultures MUST be submitted in M4 media Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	M4 MEDIA NASOPHARYNGEAL SWAB M4 MEDIA NASOPHARYNGEAL SWAB
INFLUENZA B SCREEN	<p>NASAL WASHING (preferred method)</p> <ol style="list-style-type: none"> 1. Tilt patient's head at 70 degree angle. Draw 3 ml of preservative free saline into rubber bulb or syringe. 2. Insert into one nostril while occluding the other. 3. Squeeze and release several times. Squirt into sterile saline vial. 4. Label sample, noting source of nasal wash. <p>NASOPHARYNX (secondary method)</p> <ol style="list-style-type: none"> 1. Gently insert a mini-tip swab into the posterior nasopharynx via the nose. 2. Rotate the swab slowly for 5 sec to absorb secretions. 3. Immediately place NP swab into 3.0 ml of saline noting the source as nasopharynx 	Specimen must be received in the Sayre lab within 24 hours. Store nasal wash samples in the refrigerator.	Routine STAT Routine STAT Routine STAT	8 1 8 1 8 1	Hours Hours Hours Hours Hours Hours	GUTHRIE CLINIC LAB TROY HOSPITAL LAB CORNING HOSPITAL LAB	1 1 1	STERILE CONTAINER STERILE CONTAINER STERILE CONTAINER
INFLUENZA TYPE A AB (IGG, IGM)	Gold 5 ml SST Minimum sample: 0.5 ml	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	QUEST	1	GOLD

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INFLUENZA TYPE A&B ANTIBODIES	Gold 5 ml SST Minimum sample: 0.5 ml Quest; preferred specimen 1 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
INFLUENZA TYPE B AB (IGG, IGM)	Gold 5 ml SST Minimum sample: 0.5 ml	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	QUEST	1	GOLD
INHALANTS METABOLITES, URINE	Urine Container Plain, Random Minimum sample: 2 ml	Store and transport refrigerated Test includes: Phenol-Total, O-Cresol, Hippuric Acid, Methylhippuric Acid, Mandelic Acid, Phenylglyoxylic Acid, Trichloro-Organic Metabs	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER
INHIBIN A	Gold 5 ml SST Quest; preferred specimen 2 mL Minimum volume 0.5 mL	QUEST: Spin and do not separate. Store and transport refrigerated LABCORP: Spin and separate. FREEZE.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
INSULIN ANTIBODY	Gold 5 ml SST Minimum sample: 0.5 ml Quest; preferred specimen 1 mL Minimum volume 0.2 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
INSULIN, FREE	Gold 5 ml SST PATIENT PREPARATION: Overnight fast is required Quest; preferred specimen 0.5 mL Minimum volume 0.3 mL Minimum sample: 1 ml (Labcorp 3 ml preferred)	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
INSULIN, SERUM	Gold 5 ml SST PATIENT PREPARATION: Overnight fast is required. Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ITEM (ROTEM)	Blue Citrate 2.7 ml DO NOT collect in same container with Prottime/PTT	Do Not Spin-Whole Blood Room Temperature	STAT	60	Minutes	GUTHRIE CLINIC LAB	1	BLUE CITRATE 2.7 ML (ROTEM)
INTERFERON-BETA AB BY MAID	Gold 5 ml SST Collect sample at least 8 HOURS after interferon injection. Preferred specimen 1.5 mL Minimum volume 0.5 mL NOTE: The specific interferon drug being used (Betaseron, Avonex or Rebex) to treat the patient must be provided with the patient's requisition	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	QUEST	1	GOLD
INTERLEUKIN-2 RECEPTOR	Red 4 ml Clot Tube	Spin and separate into plastic vial. FREEZE. Transport frozen sample on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
INTERLEUKIN-6	Quest: Lithium Heparin (green-top) tube preferred specimen 1 mL Minimum volume 0.3 mL Labcorp: Lavender EDTA tube Preferred volume 0.5 mL Minimum volume 0.3 mL	Spin and separate with 2 hours of collection into plastic vial. Quest: FREEZE. Transport frozen sample on dry ice Labcorp: Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	LAVENDAR EDTA GREEN LITHIUM HEPARIN
INTRAOPERATIVE PTH	Lavendar 3 ml Sayre inhouse only room temp	no shipping	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	LAVENDAR EDTA

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INTRINSIC FACTOR BLOCKING AB	Gold 5 ml SST PATIENT PREPARATION: Do NOT collect sample within 48 hours following oral dose or injection of vitamin B12. Minimum sample: 0.5 ml Quest; preferred specimen 1 mL Minimum volume 0.3 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
IODINE	Royal Dark Blue 6 ml No Additive SERUM Trace Metal Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and separate serum into a trace element container. DO NOT use a pipet. Serum must be carefully poured off to avoid trace element contamination. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	ROYAL BLUE TRACE ELEMENT 7 ML ROYAL BLUE TRACE ELEMENT 7 ML
IONIZED CALCIUM	Gold 5 ml SST TEST TUBE MUST BE FULL Quest; preferred specimen 2 mL Minimum volume 0.6 mL	Spin within 30 minutes of collection. DO NOT open or separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
IONIZED CALCIUM (PULM LAB)	Collect in heparinized syringe.	Transport in a biohazard bag at room temperature	Routine	1-7	Days	RPH RT LAB TCH RT LAB CORNING HOSPITAL LAB	1 1 1	STERILE SYRINGE STERILE SYRINGE STERILE SYRINGE
IRON	Gold SST Lithium Heparin PST also acceptable	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB TOWANDA HOSPITAL LAB	1 1	GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST
IRON AND TIBC WITH%SATURATION	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB TOWANDA HOSPITAL LAB	1 1	GOLD RED GOLD RED
IRON BINDING CAPACITY TOTAL	Gold 5 ml SST	Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB TOWANDA HOSPITAL LAB	1 1	GOLD RED GOLD RED
IRON, 24 HOUR URINE	24 Hour Urine Plain Container Quest; preferred specimen 10 mL Minimum volume 6 mL	Store and transport sample refrigerated. Send entire container to the lab	Routine	1-7	Days	LABCORP QUEST	1 1	24 HOUR URINE CONTAINER 24 HOUR URINE CONTAINER
IRON, LIVER TISSUE	5 mg liver biopsy tissue in a trace metal-free (royal blue-top) tube or Fixed tissue in paraffin embedded tissue block	Store and transport refrigerated	Routine	1-7	Days	QUEST	1	ROYAL BLUE PLAIN 6ML
ISLET CELL AB	Gold 5 ml SST Minimum sample: 0.5 ml Quest; preferred specimen 2 mL	Spin and do not separate. Store and transport refrigerated. If the antibody screen is positive, a titer is automatically performed.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
JAK2 (V617F) MUTATION W REFLEX	2 Lavender 3 ml EDTA Collect samples Monday-Thursday ONLY. Samples must be received by Quest within 24 hours of collection Minimum sample: 4 ml whole blood Quest; preferred specimen 5 mL Minimum volume 1 mL Bone marrow collected in EDTA is also acceptable Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Do not spin or separate. Whole blood required. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	2 2	LAVENDAR EDTA LAVENDAR EDTA
KAPPA LAMBDA LIGHT CHAINS, UR	Urine Container Plain, Random Quest; preferred specimen 2 mL Minimum volume 0.5 mL	Collect 5ml urine. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER

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KIDNEY STONE ANALYSIS	Dry stone in sterile screw-cap container	Store and transport at room temperature	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER
KOH PREP	<p>HAIR:</p> <ol style="list-style-type: none"> With forceps, collect at least 10 - 12 affected hairs with the base of the shaft intact. Place in a clean tube or container <p>NAILS:</p> <ol style="list-style-type: none"> Wipe the nail with 70% alcohol using gauze (not cotton). Clip away a generous portion of the affected area and collect material or debris from under the nail. Place material in a clean container. <p>SKIN:</p> <ol style="list-style-type: none"> Cleanse the affected area with 70% alcohol. Gently scrape the surface of the skin at the active margin of the lesion. Do not draw blood. Place the sample in a clean container or between two clean glass slides. <p>Reference Range: No mycotic organisms observed</p> <p>Rejection Criteria: Improper specimen collection, storage, and transport</p>	Store and transport at room temp up to 24 hours.	Routine	72	Hours	GUTHRIE CLINIC LAB	1	STERILE CONTAINER
LACTATE	<p>Gray 4 ml Fluoride/Oxalate - specimen must be collected without the use of a tourniquet. Specimen tubes must be half full, smaller volumes could result in a negative bias.</p> <p>SAYRE/CORNING/TOWANDA: Deliver to lab immediately. Specimen must be spun and separated within 15 minutes</p> <p>TROY CAMPUS/REGIONAL OFFICE: Spin and separate plasma within 15 minutes into a plastic vial.</p>	<p>Spin and separate plasma within 15 minutes into a plastic vial. Store and transport refrigerated.</p> <p>Specimen Stability after Separated: up to 8 hours at room temperature, up to 14 days refrigerated and frozen up to 1 month</p>	STAT Routine	45 45	Minutes Minutes	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GRAY PLASMA GRAY PLASMA GRAY PLASMA GRAY PLASMA
LACTATE DEHYDROGENASE	Green Lithium Heparin PST	Spin and do not separate. Store and transport at room temperature.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1	GREEN LIHEP PST GOLD RED GREEN LITHIUM HEPARIN PST ROOM TEMP GREEN LIHEP PST GOLD RED GREEN LITHIUM HEPARIN PST ROOM TEMP GREEN LIHEP PST GOLD RED
LACTATE DEHYDROGENASE ISOENZMS	Gold 5 ml SST tube Quest; preferred specimen 2 mL Minimum volume 1 mL	Spin and do not separate. Store and transport at ROOM TEMPERATURE	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD

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LACTATE, REPEAT 2-4 HR POST INITIAL	Please draw 2-4 Hrs from the initial lactate result. Gray 4 ml Fluoride/Oxalate - specimen must be collected without the use of a tourniquet. Specimen tubes must be half full, smaller volumes could result in a negative bias. SAYRE/CORNING/TOWANDA: Deliver to lab immediately. Specimen must be spun and separated within 15 minutes. TROY CAMPUS/REGIONAL OFFICE: Spin and separate plasma within 15 minutes into a plastic vial.	Spin and separate plasma within 15 minutes into a plastic vial. Store and transport refrigerated. Specimen Stability after Separated: up to 8 hours at room temperature, up to 14 days refrigerated and frozen up to 1 month	STAT Routine	45 45	Minutes Minutes	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GRAY GRAY GRAY GRAY
LAMOTRIGINE LEVEL	Red 4 ml Clot Tube PATIENT PREPARATION: Collect 1/2 - 1 hour before dose at steady state. SST tubes are unacceptable. Minimum sample: 0.5 ml Quest; preferred sample 1 mL. Minimum volume 0.5 mL	Spin and separate into plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
LARODOPA LEVEL	Red 4 ml Clot Tube SST tubes are unacceptable	Spin and separate into plastic vial. Store and transport FROZEN	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
LDH CSF	Spinal Fluid Container Collect 5 ml spinal fluid. Label container with SOURCE.	Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	CSF CONTAINER
LDH CSF (REF LAB)	Spinal Fluid Container Collect 1 ml spinal fluid. Label container with SOURCE.	Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	CSF CONTAINER CSF CONTAINER
LDL CHOLESTEROL DIRECT	Green Yellow Lithium Heparin PST PATIENT PREPARATION: Preferred specimen collection is after patient has fasted 12 hours.	Spin and do not separate. Store and transport refrigerated.	STAT Routine	24 24	Hours Hours	GUTHRIE CLINIC LAB	1	GREEN LIHEP PST GOLD RED RED 5 ML
LEA (LEWIS A) ANTIGEN			Routine		Days			
Lead - capillary (AMB POCT)			Routine		Days	SOUTHERN TIER PEDS CORNING SOUTHERN TIER PEDS BIG FLATS Corning Pediatrics	1 1 1	CONTAINER NOT NEEDED CONTAINER NOT NEEDED CONTAINER NOT NEEDED
LEAD 24HR URINE	24 Hour Urine Container Acid Washed Preferred specimen 7 mL Minimum volume 3 mL	Store and transport sample refrigerated. Send entire container to the lab.	Routine	1-7	Days	QUEST	1	24 HR URINE CONTAINER ACID WASHED
LEAD BLOOD	Tan K2 EDTA tube Minimum sample: 0.5 ml Quest; preferred specimen 3 mL	Do not spin or separate. Whole blood Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	TAN TOP- LEAD KEDTA TAN TOP- LEAD KEDTA
LEAD, RANDOM URINE	50 ml Acid Washed Container for Random Urine (for heavy metal testing) Preferred specimen 7 mL Minimum volume 3 mL	Store and transport sample refrigerated. Send entire container to the lab.	Routine	1-7	Days	QUEST	1	ACID WASHED URINE CONTAINER
LEAD, URINE (LC)	Urine (random or 24-hour) Do not use preservative Preferred specimen 5 mL Minimum volume 2.5 mL	Store and transport sample refrigerated. Send entire container to the lab.	Routine	1-7	Days	LABCORP	1	24 HOUR URINE CONTAINER

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LEAD,PEDIATRIC	Royal Dark Blue 6 ml EDTA Trace Metal Preferred specimen 3 mL Minimum volume 0.5 mL	Do not spin or separate. Whole blood Store and transport refrigerated	Routine	1-7	Days	LABCORP	1	ROYAL BLUE EDTA WHOLE BLD TAN TOP- LEAD KEDTA
LEGAL ALCOHOL	Gray 4 ml Fluoride/Oxalate DO NOT use alcohol or alcohol containing solution for skin prep. Use a non-alcohol solution such as betadine. LEGAL alcohol levels are collected by the Sayre Laboratory ONLY.	LEGAL alcohol levels are collected by the Sayre Laboratory ONLY. No shipping	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GRAY GRAY 2 ML
LEGAL BLOOD ALCOHOL DRAW	Collect specimens in tubes provided by officer - check tubes to make sure they are not outdated	Tubes are given to officer	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	OTHER OTHER OTHER OTHER
LEGIONELLA ANTIGEN, URINE	1. Pass >1ml of urine into a sterile container or urine transport kit. 2. Label sample noting source of urine. Reference Range: Negative Rejection Criteria: Sources other than urine Improper specimen collection, storage, and transport	Sterile Container:Store specimen up to 14 days in the refrigerator or up to 24 hours at room temp.	Routine STAT Routine STAT Routine STAT	24 2 24 45 24 45	Hours Hours Hours Minutes Hours Minutes	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1	STERILE CONTAINER STERILE CUP STERILE CONTAINER STERILE CUP STERILE CONTAINER STERILE CUP
LEGIONELLA CULTURE	Respiratory secretions: Collect at least 3 mL of specimen in sterile container. Sterile body fluids: Submit at least 5 mL in a sterile tube or syringe. Bronchial brushing: Submit in 1.0 mL of saline or broth Tissue: Submit in sterile specimen container with moist sterile gauze Reference Range: No Legionella species cultured after 2 weeks' incubation Rejection Criteria: Improper specimen collection, storage, and transport	Store and transport refrigerated for up to 24 hours after collection.	Routine	2	Weeks	GUTHRIE CLINIC LAB	1	STERILE CONTAINER STERILE CUP
LEGIONELLA CULTURE, MISC FLUID	Respiratory secretions: Collect at least 3 mL of specimen in sterile container. Sterile body fluids: Submit at least 5 mL in a sterile tube or syringe. Bronchial brushing: Submit in 0.5 mL or saline or broth Tissue: Submit in sterile specimen container with moist sterile gauze Rejection Criteria: Improper specimen collection, storage, and transport	Store and transport refrigerated for up to 24 hours after collection.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	STERILE CONTAINER
LEGIONELLA PNEUMOPHILA AB	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.2 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
LEPTOSPIRA ANTIBODY	Leptospira reagents have been discontinued by the manufacturer and this test is currently not available at Quest. The recommended alternative is test code 17875 - Leptospira DNA Qualitative, Real-Time PCR.	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
LEUCINE AMINOPEPTIDASE	Gold 5 ml SST Minimum sample: 0.5 ml This test has been discontinued by Quest with no recommended alternative	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	QUEST	1	GOLD

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LEUKEMIA/LYMPHOMA PANEL	<p>PERIPHERAL BLOOD: Collect 2 TUBES TOTAL: One Lavender EDTA AND One Green Sodium Heparin (NO Gel). Do not spin or separate. Store and transport at Room Temperature (18-24 C) BONE MARROW: submit 1-2ml of bone marrow in a green sodium heparin tube. Store and transport at Room Temperature (18-24 C) FINE NEEDLE ASPIRATES, CORE and TISSUE biopsies: Place specimen in 2-5 ml of RPMI. Store and transport Refrigerated (2-8 C).</p> <p>REGIONAL OFFICES, test available Monday-Thursday PRIOR TO COURIER PICK UP EACH DAY</p> <p>SAYRE, test available Monday-Thursday. Friday samples must be collected before 11:00AM.</p> <p>This test is ordered to diagnose or track a patient with leukemia or lymphoma. CPT Code 8819905. Methodology is Immunophenotyping Estimated Turn around Time is 24-48 hours after received in Flow Cytometry Department</p> <p>Stability: Samples need to be tested within 48 hours of collection. It is recommended that samples not be drawn after the courier pick up each day Monday through Thursday.</p>	<p>PERIPHERAL BLOOD: Two peripheral blood smears made from the Lavender tube are required. See blood smear preparation. Do not spin or separate either test tube. SST tubes are UNACCEPTABLE. Store and transport at ROOM TEMPERATURE (18-24 C) BONE MARROW: Store and transport at ROOM TEMPERATURE (18-24 C). If Streck Cell Preservative has been added, specimen must be REFRIGERATED (2-8 C). FINE NEEDLE ASPIRATES, CORE and TISSUE Biopsies: Store and Transport REFRIGERATED (2-8 C).</p>	Routine STAT	48 48	Hours Hours	GUTHRIE CLINIC LAB	2	LAV/GREEN NAHEP
LEUKEMIA/LYMPHOMA PANEL (REF LAB)	<p>PERIPHERAL BLOOD: Collect 2 TUBES TOTAL: One Lavender EDTA AND One Green Sodium Heparin (NO Gel). Do not spin or separate. Store and transport at Room Temperature (18-24 C) BONE MARROW: submit 1-2ml of bone marrow in a green sodium heparin tube. Store and transport at Room Temperature (18-24 C) FINE NEEDLE ASPIRATES, CORE and TISSUE biopsies: Place specimen in 2-5 ml of RPMI. Store and transport Refrigerated (2-8 C).</p> <p>REGIONAL OFFICES, test available Monday-Thursday PRIOR TO COURIER PICK UP EACH DAY</p> <p>SAYRE, test available Monday-Thursday. Friday samples must be collected before Quest courier pickup</p> <p>Stability: Samples need to be tested within 72 hours of collection. It is recommended that samples not be drawn after the courier pick up each day Monday through Thursday.</p>	<p>PERIPHERAL BLOOD: Do not spin or separate either test tube. SST tubes are UNACCEPTABLE. Store and transport at ROOM TEMPERATURE (18-24 C) BONE MARROW: Store and transport at ROOM TEMPERATURE (18-24 C). FINE NEEDLE ASPIRATES, CORE and TISSUE Biopsies: Store and Transport REFRIGERATED (2-8 C).</p>	Routine	1-7	Days	LABCORP QUEST	2 2	LAV/GREEN NAHEP LAV/GREEN NAHEP

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LEUKOCYTE ALKALINE PHOS (LAP)	Sodium Heparin tube required 3 ml minimum. PROTECT FROM LIGHT by wrapping with foil. Do not spin or separate. Whole blood required. Protect from light by wrapping with foil.	Do not spin or separate. Whole blood required. Protect from light by wrapping with foil. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GREEN TOP- NAHEP
LEVETIRACETAM LEVEL	Red 4 ml Clot Tube SST tubes are unacceptable Minimum sample: 0.5 ml Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and separate into plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
LH	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	2 1	Hours Days	GUTHRIE CLINIC LAB	1	GREEN LIHEP PST GOLD
LH (REF LAB)	Gold SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
LH, PEDIATRIC	Red 4 ml Clot Tube	Centrifuge and separate serum into a plastic screw-cap vial. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
LIDOCAINE LEVEL	Red 4 ml Clot Tube SST tubes are unacceptable Minimum sample: 0.5 ml	Spin and separate into separate vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
LIGHT CHAINS 24 HR URINE	24 Hour Urine Plain Container	Transport entire container to lab. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	24 HOUR URINE CONTAINER
LIGHT CHAINS 24 HR URINE (REF LAB)	24 Hour Urine Plain Container Quest; preferred specimen 2 mL Minimum volume 0.5 mL	Transport entire container to lab. Store and transport refrigerated Processing: Aliquot 10 ml sample to send to Quest.	Routine	1-7	Days	LABCORP QUEST	1 1	24 HOUR URINE CONTAINER 24 HOUR URINE CONTAINER
LIPASE	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
LIPID ASSOCIATED SIALIC ACID (LASA)	Gold 5 ml SST Minimum sample: 0.5 ml This test has been discontinued by Quest with no recommended alternative	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
LIPID PANEL	Green Lithium Heparin PST PATIENT PREPARATION: Preferred specimen collection is after patient has fasted 12 hours.	Spin and do not separate. Store and transport refrigerated.	STAT Routine	24 24	Hours Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
LIPOPROTEIN (A)	Gold 5 ml SST PATIENT PREPARATION: Patient should be fasting for at least 12 hours before specimen collection Minimum sample: 0.5 ml Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Centrifuge within 1 hour of collection to avoid hemolysis. Do not separate. Store and transport refrigerated. Grossly lipemic samples are UNACCEPTABLE.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
LIPOPROTEIN ELECTROPHORESIS	Gold 5 ml SST PATIENT PREPARATION: Collect after patient has fasted for at least 12 hours	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
LITHIUM	Red 4 ml	Spin and separate into separate vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	RED RED 5 ML RED RED 5 ML
LIVER KIDNEY MICROSOMAL AB	Gold 5 ml SST Minimum sample: 0.5 ml Quest; preferred specimen 1 mL Minimum volume 0.3 mL	Spin and do not separate. Store and transport refrigerated. If the antibody screen is positive, a titer will be added automatically	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
LORAZEPAM LEVEL	Red 10 ml Clot Tube SST tubes are unacceptable Minimum sample: 0.5 ml Quest; preferred specimen 2 mL Minimum volume 1 mL	Spin and separate into plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
LSD, QUALITATIVE URINE	Amber Urine Container Random urine samples must be protected from light exposure. Dark amber random urine collection containers are preferred and are available from the laboratory send out department Minimum sample: 5 ml	Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE/AMBER STERILE/AMBER
LUPUS ANTICOAGULANT	Blue Citrate 2.7 ml Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times.	Separate and ship Frozen Samples are kept at room temperature and centrifuged to obtain platelet poor plasma within four hours of collection. The centrifuged sample must be tested within 4 hours of collection. If testing is delayed more than 4 hours, separate the platelet poor plasma into a labeled polypropylene tube and freeze. Spin time to obtain platelet poor plasma depends on the centrifuge speed	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	BLUE CITRATE 2.7 ML
LUPUS ANTICOAGULANT (REF LAB)	Collection Instructions 2 Blue top tubes Platelet-poor plasma: Centrifuge light blue-top tube for 15 minutes at approximately 1500 g within 60 minutes of collection. Using a plastic pipette, remove plasma, taking care to avoid the WBC/platelet buffy layer and place into a plastic vial. Centrifuge a second time and transfer platelet-poor plasma into a new plastic vial. Plasma must be free of platelets (<10,000/uL). Freeze immediately and ship frozen	Separate and ship Frozen Samples are to be centrifuged to obtain platelet poor plasma within 60 minutes of collection.	Routine	1-7	Days	LABCORP QUEST	2 2	BLUE CITRATE 2.7 ML BLUE CITRATE 2.7 ML
LYME ANTIBODIES, WB	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
LYME DISEASE SCREEN IGG/IGM	3 ml Serum from Gold Top SST Tube. Please make sure tube if full in case confirmation is needed.	Spin and do not separate. Store and transport refrigerated. Specimen Stability: Room Temp 8 hr, Refrig 72 Hr, Frozen if over 72 hours	STAT Routine	3 3	Days Days	GUTHRIE CLINIC LAB	1	GOLD
LYME DISEASE SCREEN IGG/IGM (TMH)	Gold Top SST Tube. Please make sure tube if full in case confirmation is needed.	Spin and do not separate. Store and transport refrigerated. Specimen Stability: Room Temp 8 hr, Refrig 72 Hr, Frozen if over 72 hours	Routine	3	Days	TOWANDA HOSPITAL LAB	1	GOLD

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LYME DISEASE, PCF, SYN FL (LC) INACT	synovial fluid in green lithium heparin tube	Using sterile technique, collect 1ml of fluid. Place into green lithium heparin tube Store and transport at room temperature	Routine	1-7	Days	LABCORP	1	GREEN LITHIUM HEPARIN
LYME DISEASE, PCR, CSF (LC) INACTIVE	Spinal Fluid Container	Using sterile technique, collect 1ml of fluid. Label container with specimen SOURCE Store and transport refrigerated	Routine	1-7	Days	LABCORP	1	CSF CONTAINER
LYME DISEASE, PCR, CSF/SYNOVIAL	1 mL CSF in Spinal Fluid Container or Synovial Fluid in Sterile Container Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Using sterile technique, collect 1ml of fluid. Label container with specimen SOURCE Store and transport refrigerated	Routine	5	Days	LABCORP QUEST	1 1	CSF CONTAINER STERILE CONTAINER CSF CONTAINER STERILE CONTAINER
LYNCH SYNDROME PANEL	A signed informed consent form is required to perform testing. 3 full Lav EDTA tubes required. Labcorp: Specimen must be received at Labcorp within 3 days - do not collect on weekends or before a holiday. Pathology report with MSI or IHC must be sent with specimen.	Do not spin or separate. Store and transport at room temperature immediately.	Routine	24	Days	LABCORP QUEST	3 3	LAVENDAR EDTA LAVENDAR EDTA
M PNEUMONIAE TITER, IGG/IGM	Gold 5 ml SST Minimum sample: 0.5 ml	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
MAG , IGM NO REFLEX	Gold 5 ml SST PATIENT PREPARATION: Overnight fasting is preferred Preferred specimen: 1 mL Minimum sample: 0.2 mL	Avoid hemolysis. Spin and do not separate. Store and transport refrigerated If the western blot test is positive for myelin associated glycoprotein, an EIA test will automatically be ordered	Routine	1-7	Days	QUEST	1	GOLD
MAG BY WB W/RFX TO MAG SGPG	Gold 5 ml SST PATIENT PREPARATION: Overnight fasting is preferred Minimum sample: 1 ml	Avoid hemolysis. Spin and do not separate. Store and transport refrigerated If the western blot test is positive for myeline associated glycoprotein, an EIA test will automatically be ordered	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
MAGNESIUM	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
MAGNESIUM (OB)	Green Yellow Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
MAGNESIUM 24 HR URINE	24 Hour Urine Container with HCl added in lab PATIENT PREPARATION: Patient should refrain from taking vitamins or minerals at least 1 week prior to specimen collection. Required specimen is 24 hr urine preserved with 6N HCl so that pH is below 3. Collect urine in plain 24 hour container and refrigerate during collection. HCl is added once specimen is received in the core lab. Quest; preferred specimen 2 mL Minimum volume 1 mL	Store and transport sample refrigerated. Send entire container to lab	Routine	1-7	Days	LABCORP QUEST	1 1	24 HR URINE CONTAINER HCL 24 HR URINE CONTAINER HCL
MAGNESIUM RBC	Lavender 3 ml EDTA PATIENT PREPARATION: Patient should refrain from taking vitamins, mineral or herbal supplements at least one week prior to specimen collection Minimum sample: 0.5 ml	Spin samples immediately after collection and remove plasma. Leave packed cells in the original collection tube. Store and transport whole blood refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	LAVENDAR EDTA LAVENDAR EDTA
MAG-SGPG, MYELIN ASSOC GLYCO	Gold 5 ml SST	Spin and do not separate. Store and transport sample refrigerated.	Routine	1-7	Days	QUEST	1	GOLD
MALARIA / PARASITE SMEAR	Preferred specimen; 4 air-dried blood smears (2 thick and 2 thin) and 1 mL whole blood EDTA (lavender-top) tube Minimum volume; 2 air-dried blood smears (1 thick and 1 thin) and 1 mL whole blood. Do not spin or separate. Whole blood required.	Store and transport at ROOM TEMPERATURE.	Routine	1-7	Days	QUEST	1	LAVENDAR EDTA
MANGANESE	Quest: Royal Dark Blue 6 ml No Additive SERUM Trace Metal Quest; preferred specimen 2 mL Minimum volume 0.7 mL Labcorp: Royal Dark Blue 6 ml EDTA tube PATIENT PREPARATION: Patient should refrain from taking vitamins, mineral or herbal supplements at least one week prior to specimen collection	Quest: Spin and separate serum into a trace element container within 1 hour of collection. DO NOT use a pipet. Serum must be carefully poured off to avoid trace element contamination. Store and transport refrigerated Labcorp: Do not spin or separate. Submit original unopened tube. Store and transport at room temperature	Routine	1-7	Days	LABCORP QUEST	1 1	ROYAL BLUE EDTA WHOLE BLD ROYAL BLUE PLAIN 6ML
MANGANESE, 24 HR URINE	24 Hour Urine Container Acid Washed PATIENT PREPARATION: Patient should refrain from taking vitamins, mineral or herbal supplements at least one week prior to specimen collection Preferred specimen 7 mL Minimum volume 3 mL	Store and transport sample refrigerated. Submit entire container to lab	Routine	1-7	Days	QUEST	1	24 HR URINE CONTAINER ACID WASHED
MANGANESE, RANDOM URINE	50 ml Acid Washed Container for Random Urine (for heavy metal testing) PATIENT PREPARATION: Patient should refrain from taking vitamins, mineral or herbal supplements at least one week prior to specimen collection. Preferred specimen: 7 mL Minimum sample: 3 ml	Store and transport sample refrigerated. Submit entire container to lab	Routine	1-7	Days	QUEST	1	ACID WASHED URINE CONTAINER

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MANGANESE, URINE (LC)	Random Urine or 24 Hour Urine Container Acid Washed PATIENT PREPARATION: Patient should refrain from taking vitamins, mineral or herbal supplements at least one week prior to specimen collection Preferred specimen 20 mL Minimum volume 1.7 mL	Store and transport sample refrigerated. Submit entire container to lab	Routine	1-7	Days	LABCORP	1	ACID WASHED URINE CONTAINER 24 HR URINE CONTAINER ACID WASHED
MANUAL ANAEROBIC ID	{\rtf1\ansi\deflang1033\fnbj{\fonttbl{\f0 \fmodern \fcharset0 Arial;}}\plain\fs20 This is a non-orderable test\par }	{\rtf1\ansi\deflang1033\fnbj{\fonttbl{\f0 \fmodern \fcharset0 Arial;}}\plain\fs20 Micro add-on only\par }	Routine	1-7	Days			
MANUAL CORYNEBACTERIA ID	This is a non-orderable test	Micro add-on only	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	CONTAINER NOT NEEDED
MANUAL DIFFERENTIAL	Lavendar EDTA 3ml Do not spin. Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Stable at Room Temperature for 12 hours then REFRIGERATE up to 72 hours. Specimens must be protected from exposure to heat. Regional Offices:If specimen is not tested for over 12 hours make slide within 2 hours of collection to send with specimen.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	LAVENDAR EDTA LAVENDAR EDTA LAVENDAR EDTA LAVENDAR EDTA
MDS MUTATIONS	2 ml bone marrow aspirate in Lav EDTA tube or 7 ml whole blood in 2 Lav EDTA tubes	Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	2 2	LAVENDAR EDTA LAVENDAR EDTA
MELANIN	Amber Urine Container Random urine samples must be protected from light exposure. Dark amber random urine collection containers are preferred and are available from the laboratory send out department Minimum sample: 5 ml	FREEZE. Transport FROZEN specimen from regional office on dry ice.	Routine	1-7	Days	QUEST	1	STERILE/AMBER
MEPHENYTOIN & METABOLITE	Red 4 ml Clot Tube SST tubes are unacceptable	Spin and separate into plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
MEPHOBARBITAL LEVEL	Red 4 ml Clot Tube SST tubes are unacceptable Minimum sample 0.5 ml	Spin and separate into a plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
MEPROBAMATE LEVEL	Red 4 ml Clot Tube Collect just prior to next dose Minimum sample: 1 ml	Spin and separate into plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
MERCURY 24 HOUR URINE	24 Hour Urine Container Acid Washed PATIENT PREPARATION: Avoid seafood consumption for 48 hours prior to specimen collection. Quest; preferred specimen 7 mL Minimum volume 3 mL	Store and transport sample refrigerated. Send entire container to lab.	Routine	1-7	Days	QUEST	1	24 HR URINE CONTAINER ACID WASHED
MERCURY, BLOOD	Royal Dark Blue 6 ml EDTA Trace Metal Minimum sample: 2 ml Quest; preferred specimen 4 mL	Do not spin or separate. Whole blood required. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	ROYAL BLUE EDTA WHOLE BLD ROYAL BLUE EDTA WHOLE BLD

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MERCURY, RANDOM URINE	50 ml Acid Washed Container for Random Urine (for heavy metal testing) PATIENT PREPARATION: Avoid seafood consumption for 48 hours prior to specimen collection. Minimum sample: 5 ml Quest; preferred specimen 7 mL Minimum volume 3 mL	Store and transport sample refrigerated. Send entire container to lab.	Routine	1-7	Days	QUEST	1	ACID WASHED URINE CONTAINER
MERCURY, URINE (LC)	Random Urine or 24 Hour Urine Container Acid Washed PATIENT PREPARATION: Avoid seafood consumption for 48 hours prior to specimen collection. Preferred specimen 5 mL Minimum volume 2.5 mL	Store and transport sample refrigerated. Send entire container to lab.	Routine	1-7	Days	LABCORP	1	24 HR URINE CONTAINER ACID WASHED ACID WASHED URINE CONTAINER
MESORIDAZINE LEVEL	Red 4 ml Clot Tube SST tubes are unacceptable	Spin and separate into plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
METANEPHRINE, PLASMA	Lavender 3 ml EDTA PATIENT PREPARATION: Overnight fast required. Patient must sit 20-30 minutes before being drawn. Use pre-chilled tube - centrifuge immediately and separate. Minimum sample: 1.5 ml Quest; preferred specimen 2.5 mL	Use pre-chilled tube. Spin and separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	2 2	LAVENDAR EDTA PLASMA LAVENDAR EDTA PLASMA
METANEPHRINES 24HR URINE	24 Hour Urine Container with HCL added in lab PATIENT PREPARATION: It is preferable for the patient to be off medication for 3 days prior to collection. However, common antihypertensives (diuretics, ACE inhibitors, calcium channel blockers, alpha and beta blockers) cause minimal or no interference. Patient should avoid tobacco, tea and coffee 3 days prior to specimen collection. Medications which are alpha agonists (Aldomet), alpha blockers (Dibenzyliline) should be avoided 18-24 hours prior to specimen collection. Required specimen is 24 hr urine preserved with 6N HCl so that pH is below 3. Collect urine in plain 24 hour container and refrigerate during collection. HCl is added once specimen is received in the core lab. Quest; preferred specimen 5 mL Minimum volume 1.5 mL	Store and transport sample refrigerated. Send entire sample to lab	Routine	1-7	Days	LABCORP QUEST	1 1	24 HR URINE CONTAINER HCL 24 HR URINE CONTAINER HCL
METANEPHRINES RANDOM URINE	Urine Container, Random with HCl added in lab Minimum sample: 5 ml Quest preferred specimen 5 mL Minimum volume 1.5 mL PATIENT PREPARATION: It is preferable for the patient to be off medication for 3 days prior to collection. However, common antihypertensives (diuretics, ACE inhibitors, calcium channel blockers, alpha and beta blockers) cause minimal or no interference. Patient should avoid tobacco, tea and coffee 3 days prior to specimen collection. Medications which are alpha agonists (Aldomet), alpha blockers (Dibenzyliline) should be avoided 18-24 hours prior to specimen collection	After urine collection, add 6N HCl to maintain a pH below 3. Urine without preservative is acceptable if pH is below 6 and the sample is shipped frozen. Store and transport sample refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	URINE RANDOM HCL URINE RANDOM HCL

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METHADONE CONFIRMATION	10 ml urine collected in a urine container with temperature strip	Store and transport specimen refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CUP STERILE CONTAINER STERILE CUP
METHADONE, QUANTITATIVE	Red 4 ml Clot Tube Minimum sample: 1 ml	Spin and separate into plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
METHEMOGLOBIN (PULM LAB)	Anaerobic sample that is obtained in a heparinized blood gas syringe.	Sample is transported to ABG lab in a rigid container with a lid. If sent in the pneumatic tube system, the sample is placed in a biohazard bag. Specimens are analyzed within 20 minutes of collection.	Routine	1-7	Days	RPH RT LAB TCH RT LAB CORNING HOSPITAL LAB	1 1 1	STERILE SYRINGE STERILE SYRINGE STERILE SYRINGE
METHOTREXATE LEVEL	Red 4 ml Protect from light PATIENT PREPARATION: Draw no sooner than 30 minutes after the end of infusion or an intravenous dose.	Spin and separate into an AMBER plastic vial to protect from light exposure. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	RED RED 5 ML
METHOTREXATE LEVEL (REF LAB)	Red 4 ml Protect from light PATIENT PREPARATION: Collect 24, 48, or 72 hours after the end of infusion or an intravenous dose.	Spin and separate into an AMBER plastic vial to protect from light exposure. Quest: Store and transport Frozen. Labcorp: Store and transport Refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	LABCORP QUEST	1 1	RED/AMBER RED/AMBER
METHSUXIMIDE LEVEL	Red 4 ml Clot Tube SST tubes are unacceptable	Spin and separate into plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
METHYLMALONIC ACID, SERUM	2 Red 4 ml Clot Tube PATIENT PREPARATION: For accurate test results the patient should not be taking vitamin B12. Minimum sample: 1. MI Quest; preferred specimen 2 mL Minimum volume 0.6 mL	Spin and separate into plastic vial. Store and transport Refrigerated	Routine	1-7	Days	LABCORP QUEST	2 2	RED RED
MEXILETINE LEVEL	Red 10 ml Clot Tube SST tubes are unacceptable Minimum sample: 1 ml	Spin and separate into plastic transport tube. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
MICROALBUMIN 24HR URINE	24 hour urine container plain	Refrigerate during collection. Can be stored at room temperature up to 2 weeks. Can be refrigerated for 1 week and frozen for 1 year.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	STERILE CUP STERILE CONTAINER YELLOW URINE CONICAL TUBE
MICROALBUMIN 24HR URINE (REF LAB)	24 hour urine container plain Note: If being sent to Labcorp, this test does NOT include creatinine.	Refrigerate during collection and transport.	Routine	1-7	Days	LABCORP QUEST	1 1	24 HOUR URINE CONTAINER 24 HOUR URINE CONTAINER
MICROALBUMIN RANDOM URINE	Random Urine transferred to Yellow Vacuette Urine Chemistry tube.	Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB	1	YELLOW URINE CHEMISTRY YELLOW URINE CONICAL TUBE

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MICROALBUMIN W/ CREATININE RANDOM URINE (REF LAB)	Random Urine 5 ml	Transfer to yellow urine tube for transport. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CUP YELLOW URINE CONICAL TUBE YELLOW URINE CHEMISTRY STERILE CONTAINER STERILE CUP YELLOW URINE CONICAL TUBE YELLOW URINE CHEMISTRY
MITOGEN- AND ANTIGEN-INDUCED LYMPHOCYTE PROLIFERATION PANEL	Collect specimen in 3 sodium heparin (green-top) tube. Special short stability protocol needed. ATTN Lab Collection: Call send outs prior to collection (x5680). Specimen must be sent via Fed-Ex to Quest Nichols.	Whole blood must be transported at room temperature and delivered to the testing laboratory within 48 hours after collection. Minimum of 10mL whole blood. Do not spin or separate.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	3 3 3 3	GREEN NA HEPARIN GREEN NA HEPARIN GREEN NA HEPARIN GREEN NA HEPARIN
MIXED VENOUS BG W/CO-OX	Anaerobic sample that is obtained in a heparinized blood gas syringe.	Sample is transported to ABG lab in a rigid container with a lid. If sent in the pneumatic tube system, the sample is placed in a biohazard bag. Specimens are analyzed within 20 minutes of collection.	Routine	1-7	Days	RPH RT LAB	1	STERILE SYRINGE
MPL W515 AND S505 MUTATION	2 Lavender 3 ml EDTA Collect samples Monday-Thursday ONLY. Samples must be received by reference lab within 48 hours of collection Minimum sample: 4 ml whole blood Quest; preferred specimen 5 mL Minimum volume 1 mL Bone marrow collected in EDTA is also acceptable Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Do not spin or separate. Whole blood required. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	2 2	LAVENDAR EDTA LAVENDAR EDTA

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MRSA DNA PROBE	<p>NOTE: COPAN DOUBLE SWABS with the red/orange label are the only swabs approved for testing. All other swabs (BBL) must be rejected.</p> <p>1. Insert dry swabs 1-2 cm into the nostril.</p> <p>2. Rotate the swab against the inside of the nostril for 3 seconds.</p> <p>3. Using the same swabs, repeat for the second nostril.</p> <p>4. Label sample noting site of nares/MRSA screen.</p> <p>Reference Range: Negative</p> <p>Rejection Criteria: Sources other than nasal Swabs other than COPAN Improper specimen collection, storage, and transport</p>	Store and transport refrigerated up to 5 days.	Routine Routine STAT STAT	24 24 2 2	Hours Hours Hours Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	COPAN DOUBLE SWAB MRSA COPAN DOUBLE SWAB MRSA
MTHFR, DNA MUTATION	<p>2 Lavender EDTA</p> <p>Minimum sample: 3 ml</p> <p>Quest; preferred specimen 5 mL</p> <p>A signed informed consent form is required to perform testing if specimen is collected in New York. Consent forms can be found on the Guthrie Intranet - select department Laboratory and the Forms link under General Lab forms. Choose either Quest Diagnostics Informed Consent Form or LabCorp Genetic Testing Consent Form 2011 (dependent on patient insurance)</p>	Do not spin or separate. Whole blood required. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	2 2	LAVENDAR EDTA PINK EDTA LAVENDAR EDTA PINK EDTA
MULTIPLE SCLEROSIS PANEL 2	<p>2 Gold 5 ml SST and CSF Sample</p> <p>TEST NOT AVAILABLE FOR REGIONAL OFFICE due to CSF Requirements.</p> <p>Quest Panel includes: albumin (CSF and serum), IgG (CSF and serum), IgG synthesis rate/index CSF, myelin basic protein, oligoclonal bands CSF.</p> <p>Labcorp panel includes all but myelin basic protein.</p>	<p>BLOOD SAMPLE: Spin and do not separate. Store and transport refrigerated</p> <p>The blood draw for this test is automatically ordered as Blood Draw for CSF/Blood panels and will have a separate accession number. Create aliquot on this test for blood specimens and label the blood tubes with the aliquot labels.</p> <p>CSF SAMPLE: Collect 4 ml CSF in a sterile container. CSF must be crystalline clear. Store and transport refrigerated.</p> <p>It is preferred that the collection date and time be the same for both specimens. Serum can be drawn within 48 hours of the CSF but this is not recommended.</p>	Routine	1-7	Days	LABCORP QUEST	1 1	CSF CONTAINER CSF CONTAINER
MUMPS IGG ANTIBODY	<p>Gold 5 ml SST</p> <p>Minimum sample: 0.5 ml</p> <p>Quest; preferred specimen 1 mL</p> <p>Minimum volume 0.5 mL</p>	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
MUMPS IGM ANTIBODY	<p>Gold 5 ml SST</p> <p>Minimum sample: 0.5 ml</p> <p>Quest; preferred specimen 1 mL</p> <p>Minimum volume 0.5 mL</p>	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
MURAMIDASE (LYSOZYME)	<p>Gold 5 ml SST Tube</p> <p>Quest; preferred specimen 1 mL</p> <p>Minimum volume 0.5 mL</p>	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
MYCOBACTERIA CULT, BLOOD	Green 10 ml Sodium Heparin 1. Disinfect blood culture bottles by rubbing stoppers with 70% alcohol and allowing it to dry. 2. Palpate for vein and mark with fingernail impression 3. Collect one 10 ml Green top Sodium heparin tubes OR TWO 3 ml Green top Sodium Heparin tubes. Mix by inverting 4 times Quest; preferred specimen 7 mL Minimum volume 7 mL	Store and transport at room temp.	Routine	1-7	Days	QUEST	1	GREEN NA HEPARIN
MYCOBACTERIA CULT, BODY FLD	Sterile Container Aseptically collect 5 ml of body fluid (joint, pericardial, pleural, synovial, peritoneal, ascitic or CSF). Transfer collected fluid into a sterile container. Minimum sample: 2 ml	Specimen is stable refrigerated for up to 7 days	Routine	1-7	Days	QUEST	1	STERILE CONTAINER
MYCOBACTERIA CULT, MISC W STN	Sterile Container containing tissue, wound/aspirate material Collect bone marrow in a green sodium heparin tube Minimum volumes: 0.5-1 gram tissue 1 ml wound/abscess aspirate	Store and transport refrigerated	Routine	1-7	Days	QUEST	1	STERILE CONTAINER
MYCOBACTERIA CULT, SMEAR (LC)	First morning sputum (not saliva) (three separate specimens from three separate days are recommended), fasting gastric aspirate, induced sputum, whole blood, tissue, biopsy, bronchial aspirate, urine, skin, cerebrospinal fluid (CSF), bone marrow, body fluid, stool. Swabs of exudate from skin sources are acceptable, otherwise swab specimens should not be submitted. Collect aspirate using sterile, nonbacteriostatic saline or other noninhibitory medium. Do not send syringe; it will be rejected.	Submit in a sterile container. Label sample noting specimen site and source. Store and transport refrigerated up to 7 days. 2. Gastric Aspirate: must be buffered within 4 hours of collection by adding 100 mg of sodium carbonate. Collect in a sterile, wax-free container. Label sample noting specimen site and source. Store and transport refrigerated up to 7 days. Minimum sample is 5 ml of fluid 3. Stool: collect in a clean basin. Transfer to a sterile container. Do not contaminate with toilet water or toilet paper. Label sample noting source. Store and transport refrigerated up to 7 days. Minimum sample is 1 gram 4. Colonic Aspirate: submit sample in a sterile, wax-free container. Label sample noting specimen site and source. Store and transport refrigerated up to 24 hours. Minimum sample is 10 ml.	Routine	1-7	Days	LABCORP	1	STERILE CONTAINER

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MYCOBACTERIA CULT, SPUTUM	Sterile Container 1. Collect early morning sample obtained after a deep cough. Do not pool samples. 2. With a wet toothbrush, brush the buccal mucosa, tongue and gums then rinse the patient's mouth with water before sputum is collected. Instruct patient to avoid adding saliva or nasopharyngeal discharges to the sample 3. Collect the expectorated sputum in a sterile container 4. Label sample noting the specimen source Collect on 3 consecutive days Preferred specimen 5 mL Absolute minimum sample is 5 ml	Store and transport refrigerated up to 24 hours	Routine	1-7	Days	QUEST	1	STERILE CONTAINER
MYCOBACTERIA CULT, URINE	Sterile Container Minimum sample: 50 ml Three specimens on consecutive mornings should be submitted. Collect first morning urine, midstream or by catheterization after appropriate cleansing of genitalia. FEMALE MIDSTREAM URINE COLLECTION 1. Thoroughly cleanse the urethral area with a towelette 2. While holding the labia apart, begin voiding 3. After several milliliters have been passed, collect a midstream portion of urine without stopping the flow of urine. 4. Label sample noting source of urine MALE MIDSTREAM URINE COLLECTION 1. Cleanse the glans with a towelette 2. Holding the foreskin restricted, begin voiding 3. After several mls have passed, collect a midstream portion without stopping the flow of urine. 4. Label sample noting source of urine	Store and transport refrigerated.	Routine	1-7	Days	QUEST	1	STERILE CONTAINER
MYCOBACTERIA CULT, W DECON	Sterile Container 1. Bronchial Washings or Bronchial Lavage: Submit in a sterile, wax-free container. Label sample noting specimen site and source. Store and transport refrigerated up to 7 days. Minimum sample is 10 ml of fluid. 2. Gastric Aspirate: must be buffered within 4 hours of collection by adding 100 mg of sodium carbonate. Collect in a sterile, wax-free container. Label sample noting specimen site and source. Store and transport refrigerated up to 7 days. Minimum sample is 5 ml of fluid 3. Stool: collect in a clean basin. Transfer to a sterile container. Do not contaminate with toilet water or toilet paper. Label sample noting source. Store and transport refrigerated up to 7 days. Minimum sample is 1 gram 4. Colonic Aspirate: submit sample in a sterile, wax-free container. Label sample noting specimen site and source. Store and transport refrigerated up to 7 days. Minimum sample is 10 ml.	Store and transport refrigerated up to 7 days	Routine	1-7	Days	QUEST	1	STERILE CONTAINER

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
MYCOPLASMA PNEUMONIAE AB, IGM	Gold 5 ml SST Minimum sample: 0.5 ml Quest; preferred specimen 1 mL Minimum volume 0.1 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
MYCOPLASMA PNEUMONIAE CULTURE	Respiratory specimen (throat swabs, sputum, bronchial washes, lung biopsies) in Viral Transport Medium M4 medium is acceptable	Stable refrigerated for 48 hours. May be frozen for longer stability	Routine	1-7	Days	LABCORP QUEST	1 1	M4 MEDIA M4 MEDIA
MYCOPLASMA UREAPLASMA CULTURE	Urogenital specimens, sterile body fluids, tissue in VCM (green cap) media. Respiratory specimens are acceptable only on children less than one year of age	Urine specimens: centrifuge at 3000 rpm for 15 minutes. Suspend sediment in VCM media. Stable refrigerated for 48 hours. May be frozen for longer stability	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER
MYELIN BASIC PROTEIN	Spinal Fluid Container Collect 1.5 ml spinal fluid. Label with specimen SOURCE	Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	CSF CONTAINER CSF CONTAINER
MYELOPROLIFERATIVE NEOPLASM MUTATIONS	2 ml bone marrow aspirate in Lav EDTA tube or 7 ml whole blood in 2 Lav EDTA tubes	Store and transport refrigerated	Routine	1-7	Days	QUEST	2	LAVENDAR EDTA
MYOGLOBIN (REF LAB)	Gold tube	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
MYOGLOBIN PLASMA	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB	1	GREEN LIHEP PST
MYOGLOBIN URINE QUANTITATIVE	Quest: exactly 4 mL random urine submitted in a Myoglobin Transport Tube Transfer urine to the Myoglobin transport tube within one hour of collection. Transport tube, product # 170764, is available through Client Supply) Labcorp: 10 ml random urine in a sterile container	FREEZE. Transport on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER OTHER
NEONATAL TYPE AND SCREEN (<4 MONTH OLD)	Pink 6ml EDTA preferred Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Store and ship at room temperature or refrigerated up to 72 hours	Routine	1-7	Days	GCL BLOOD BANK CH BLOOD BANK TCH BLOOD BANK	1 1 1	PINK EDTA PINK EDTA PINK EDTA
NEOPTERIN	Amber and 4ml Red Top Clot Tube	Spin and separate within 30 minutes of collection into an AMBER plastic vial to protect from light exposure. FREEZE. Store and transport on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	RED/AMBER RED/AMBER
NEURON SPECIFIC ENOLASE	Gold 5 ml SST	Spin and do NOT separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD

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NEWBORN SUPPLEMENTAL SCREEN	<p>PKU Form Required</p> <p>1.Place infant heel warmer on baby's heel, prepare necessary equipment while warming.</p> <p>2.Cleanse area that is punctured with alcohol pad; allow to dry (may be wiped with sterile gauze pad).</p> <p>3.Using a disposable lancet make puncture in the appropriate area (refer to capillary puncture heel stick policy found in Collection Manual GMG-708-0002.</p> <p>4.Begin massaging leg and foot to create ample blood flow wipe away first drop with sterile gauze pad then obtain a large drop of blood that is directly dropped into the front center of PKU circle insuring that the circle is completely saturated through to back side of filter paper (being careful not to touch paper with foot).</p> <p>5.Once all four circles are completely filled apply a fresh piece of sterile gauze to the site with ample pressure until wound has clotted. (If you are unable to fill a circle do not attempt to finish filling it later, make a new circle in the filter paper area and fill it)</p> <p>6. Fill in the required information on the PKU requisition as well as the Rover label (Collector ID, time and date of collection) Once completed the pink copy is to be given to the parent before leaving the room.</p> <p>7. Report back to RN station remove yellow copy from</p>	<p>PKU and all required papers are then transported immediately to the Core Laboratory.</p> <p>The PKU is to be placed on the Phlebotomy cart, flat – face side up being extremely careful to ensure that the filter paper does not come in contact with anything (on top of cart).</p> <p>LIMITATIONS:</p> <ol style="list-style-type: none"> 1. Do not let 2 PKU forms touch each other when wet. 2. Be sure filter paper lays flat to dry for at least 4 hours. 3. Do not touch collection site with your fingers. 4. Do not place in a ziplock bag. 5. Be sure the circles on the filter paper are completely full. 6. Do not overlap blood circles. 7. Be sure blood filters completely through the filter paper. 8. Always apply blood from front to back of form. 	Routine	1-7	Days	<p>GUTHRIE CLINIC LAB</p> <p>CORNING HOSPITAL LAB</p> <p>TROY HOSPITAL LAB</p> <p>TOWANDA HOSPITAL LAB</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p>	<p>NEWBORN SCREENING CARD</p> <p>NEWBORN SCREENING CARD</p> <p>NEWBORN SCREENING CARD</p> <p>NEWBORN SCREENING CARD</p>
NICKEL,SERUM OR PLASMA	Royal Dark Blue EDTA Trace Metal	<p>Quest: Spin and separate plasma into a trace element container. DO NOT use a pipet. Plasma must be carefully poured off to avoid trace element contamination. Store and transport refrigerated</p> <p>Labcorp: Do not spin or separate. Submit original unopened tube. Store and transport refrigerated</p>	Routine	1-7	Days	LABCORP QUEST	<p>1</p> <p>1</p>	<p>ROYAL BLUE EDTA WHOLE BLD</p> <p>ROYAL BLUE EDTA PLASMA</p>

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NICOTINE & COTININE METABOLITE, SERUM	Red 10 ml Clot Tube Quest; preferred specimen 1 mL Minimum volume 0.5 mL	{\rtf1\ssstecf22000\ansi\deflang1033\ftnbj\uc1\deff0{\fonttbl{\f0 \fmodern \fcharset0 Arial;}}{\colortbl ;\red255\green255\blue255 ;\red0\green0\blue0 ;}{\stylesheet{\f1\fs24 Normal;}}{\cs1 Default Paragraph Font;}}{\^*revtbl{Unknown;}}\paperw12240\paperh15840\margl1800\margr1800\margt1440\margb1440\headery720\footery720\nogrowautofit\deftab720\formshade\vet4\abendnotes\afntrlc \pgbrdrhead\pgbrdrfoot\sectd\pgwsxn12240\pghsxn15840\guttersxn0\marglsxn1800\margrsxn1800\margtsxn1440\margbsxn1440\headery720\footery720\sbkpage\pgncont\pgndec\plain\plain\fs24\pard\plain\fs20\lang1033\hich\fs20\loch\fs20 Spin and separate into plastic vial. Store and transport refrigerated. SST tubes are unacceptable\par}	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
NICOTINE & COTININE METABOLITE, URINE	Random urine in a sterile container Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CUP STERILE CONTAINER STERILE CUP
NICOTINE (COTININE), URINE	Urine Container Plain, Random Quest; preferred specimen 25 mL Minimum volume 2 mL	Collect 50ml of urine. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER
NMR LIPOPROFILE	Red 10 ml Clot Tube Fasting specimen required Specimens must be sent Mon-Thurs only.	Spin and separate into plastic vial. Store and transport refrigerated	Routine	1-7	Days	QUEST	1	RED
NONESTERIFIED FATTY ACIDS	Red top tube Overnight Fasting is preferred.	Spin and separate into plastic vial. FREEZE serum. Transport frozen sample on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
NORTRIPTYLINE LEVEL	Red Clot Tube	Spin and separate into plastic vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
N-TELOPEPTIDE, 24 HR URINE	24 Hour Urine Plain Container Preferred specimen 2 mL Minimum volume 1 mL	24 HOUR URINE: Store and transport sample refrigerated. Send entire container to lab.	Routine	1-7	Days	QUEST	1	24 HOUR URINE CONTAINER
N-TELOPEPTIDE, RANDOM URINE	Sterile Container Preferred specimen 2 mL Minimum volume 1 mL	Urine from SECOND morning void preferred. Keep sample refrigerated during and after collection.	Routine	1-7	Days	QUEST	1	STERILE CONTAINER
N-TELOPEPTIDE, URINE (LC)	24 Hour Urine Plain Container or Sterile Container Preferred specimen 20 mL Minimum volume 1 mL	Store and transport sample refrigerated. Send entire container to lab.	Routine	1-7	Days	LABCORP	1	24 HOUR URINE CONTAINER STERILE CONTAINER
OCC MED PROFILE	This test is available for the Occupational Medicine Department ONLY. Light Green 4.5 ml PST Note:This panel includes CMP, Phosphorus, Cholesterol, Triglycerides, Uric Acid, LDH, and GGT.	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GREEN LIHEP PST

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OCCULT BLOOD STOOL	Inpatient: Collect stool and apply to card as per instructions. Store and send to lab at Room temperature Outpatient: Collect stool in a sterile cup, store and transport refrigerated.	Hemoccult card collections: Store and send to lab at Room temperature. Collections in sterile container: Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	HEMOCCULT STERILE CONTAINER STERILE CUP STERILE CUP STERILE CONTAINER HEMOCCULT STERILE CUP STERILE CONTAINER HEMOCCULT HEMOCCULT STERILE CUP STERILE CONTAINER
OLIGOCLONAL BANDS	Gold SST Tube and CSF Sample This test is included in the Multiple Sclerosis 2 Panel.	TEST NOT AVAILABLE FOR REGIONAL OFFICE due to CSF Requirements. BLOOD SAMPLE: Collect one Gold SST tube. Spin and do not separate. Store and transport refrigerated. 1.0 ml serum (0.5 min) is required. The blood draw for this test is automatically ordered as Blood Draw for CSF/Blood panels and will have a separate accession number. Create aliquot on this test for blood specimen and label the blood tube with the aliquot label. CSF SAMPLE: Collect 1 ml (0.5 ml min) of CSF into a sterile container. Label with specimen SOURCE. Store and transport refrigerated. It is preferred that the collection date and time be the same for both specimens. Serum can be drawn within 48 hours of the CSF but this is not recommended.	Routine	1-7	Days	LABCORP QUEST	1 1	CSF CONTAINER CSF CONTAINER
ONCOHEME NEXT GENERATION SEQUENCING	Lavender EDTA tube - 3 ml peripheral blood - label tube as blood OR alternate specimen 2ml bone marrow aspirate in an EDTA tube labeled as bone marrow. Quest; minimum volume 2 mL This is an alternative test option for Quest MDS mutations and Myeloproliferative Neoplasm mutations.	Do not spin or separate. Store and transport at room temp. Specimen stability is 14 days.	Routine	1-7	Days	QUEST	1	LAVENDAR EDTA
OPIATES- CONFIRMATION URINE	10 ml urine collected in a urine container with temperature strip Quest; preferred specimen 10 mL Minimum volume 5 mL	Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CUP STERILE CONTAINER STERILE CUP

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ORGANIC ACIDS, URINE	2 Urine Container Plain, Random Quest; preferred specimen 13 mL Minimum volume 4 mL	Thoroughly mix urine sample and DIVIDE urine into TWO urine containers. ONE minimum 4ml volume AND a SECOND container with a minimum volume of 1ml. FREEZE both samples. Store and transport both frozen samples from regional office on dry ice. Samples must be split prior to freezing. Repeat thawing and freezing of the urine sample may lead to inaccurate test results.	Routine	1-7	Days	LABCORP QUEST	2 2	STERILE CONTAINER STERILE CONTAINER
OSMOLALITY SERUM	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	GOLD GREEN LIHEP PST GOLD
OSMOLALITY URINE	Urine container -random urine	Transfer to 10ml urine tube for transport. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	YELLOW URINE CONICAL TUBE STERILE CONTAINER STERILE CUP STERILE CUP STERILE CONTAINER
OSTEOCALCIN, HUMAN (BGP)	Gold 5 ml SST	Avoid hemolysis and lipemia. Spin and separate. FREEZE. Transport frozen sample on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
OVA AND PARASITE EXAM EXTENSIVE	Labcorp:Para-PakTransport Vials (gray & pink lids) NOTE: Black Total fix transport vials are NOT ACCEPTABLE. Pass stool directly into a clean, dry container. Transfer the appropriate volume of stool into the Pink and Gray capped containers. The stool volume must raise the preservative up to the RED line. Mix and secure cap. Quest: Place fresh stool in single Total-Fix® black transport vial within 30 minutes of collection. Add stool to bring the liquid level to the "fill to here" line on the vial. Mix well. Pink and gray 10% formalin and PVA transport vials are also acceptable. Quest; preferred specimen 10 gm Minimum volume 5 gm	Store and ship specimen at room temp. up to 2 months and allow 72 hours for final results.	Routine	1-7	Days	LABCORP QUEST	1 1	PINK & GRAY PARA PAK PINK & GRAY PARA PAK BLACK TOTAL FIX TRANSPORT VIAL
OXALATE 24HR URINE	24 Hour Urine Container with HCl added in lab Required specimen is 24 hr urine preserved with 6N HCl so that specimen pH is below 3. Collect urine in plain 24 hour urine container and refrigerate during and after collection. HCl is added once specimen is received in the core lab. Quest; preferred 10 mL Minimum volume 2 mL	PATIENT PREPARATION: Patient should avoid taking excessive amounts of ascorbic acid or oxalate rich foods (spinach, coffee, tea, chocolate, rhubarb) for 48 hours before specimen collection. Store and transport sample refrigerated. Send entire container to lab	Routine	1-7	Days	LABCORP QUEST	1 1	24 HR URINE CONTAINER HCL 24 HR URINE CONTAINER HCL
OXAZEPAM	Red 4 ml Clot Tube	Spin and separate into plastic vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
OXIMETRY	No specimen collection required for this test	No specimen collection	Routine	1-7	Days	RPH RT LAB TCH RT LAB CORNING HOSPITAL LAB	1 1 1	STERILE SYRINGE STERILE SYRINGE STERILE SYRINGE
OXYCARBAZEPINE (TRILEPTAL)	Red 4 ml Clot Tube Quest; preferred specimen 1 mL Minimum volume 0.3 mL	Spin and separate into plastic vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED

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OXYCODONE LEVEL,SERUM	Red 4 ml Clot Tube	Spin and separate into plastic vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
OXYCODONE SCREEN URINE	10 ml urine collected in a urine container with temperature strip Quest; preferred specimen 30 mL Minimum volume 7 mL	Store and transport sample refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CUP STERILE CUP
PAIN MANAGEMENT PROFILE	urine cup with a temperature monitoring strip 30 mL random urine	Store and transport refrigerated	Routine	1-7	Days	QUEST	1	STERILE CONTAINER
PAIN MGMT BASE PROFILE WITH CONFIRM, URINE	Urine cup with a temperature monitoring strip. Collect urine in the office. Note temperature in the comment field. 30 mL random urine Quest; minimum volume 7 mL Includes Initial screen of Benzodiazepines, Cocaine Metabolite, Opiates, and Oxycodone drug classes. Specimen validity consisting of Creatinine, Oxidant, and pH testing. If screen of drug class is positive, a confirmation of the drug class will be performed at an additional charge (CPT code(s): dependent upon the confirmed drug class). Confirmation includes the following analytes within their associated drug class: Benzodiazepines: Alphahydroxyalprazolam, Alphahydroxyimidazolam, Alphahydroxytriazolam, Aminoclonazepam, Hydroxyethylflurazepam, Lorazepam, Nordiazepam, Oxazepam, Temazepam Cocaine Metabolite: Benzoyllecgonine Opiates: Codeine, Hydrocodone, Hydromorphone, Morphine, Norhydrocodone Oxycodone: Noroxycodone, Oxycodone, Oxymorphone	Store and transport refrigerated	Routine Routine	4 3	Days Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER
PAIN MGMT BASE PROFILE WITHOUT CONFIRM, URINE	Urine cup with a temperature monitoring strip. Collect urine in the office. Note temperature in the comment field. 30 mL random urine Quest; minimum volume 7 mL Includes: Creatinine, Oxidant, pH, Benzodiazepines, Cocaine Metabolite, Opiates, Oxycodone	Store and transport refrigerated	Routine Routine	4 4	Days Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER

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PAIN MGMT SCRIN, FENTANYL, ALC W/ CONFIRM	Urine cup with a temperature monitoring strip. Collect urine in the office. Note temperature in the comment field. 30 mL random urine Includes: Opiate, Oxycodone, Buprenorphine, Carisoprodol/Meprobamate, Carbamazepine, Meperidine/Normeperidine, Methadone, Tramadol/Desmethyltramadol, Amitriptyline, Gabapentin, Pregabalin, Ritalinic Acid, Zolpidem, Amphetamine, MDMA, Methylphenidate, 6mam, Barbiturate, Benzodiazepine, Cocaine, THC, PCP, Alcohol, Fentanyl, Specimen Validity	Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER
PAIN MGMT SCRIN, FENTANYL, ALC W/OUT CONFIRM	Urine cup with a temperature monitoring strip. Collect urine in the office. Note temperature in the comment field. 30 mL random urine Quest; minimum volume 7 mL Includes: Opiate, Oxycodone, Buprenorphine, Carisoprodol/Meprobamate, Carbamazepine, Meperidine/Normeperidine, Methadone, Tramadol/Desmethyltramadol, Amitriptyline, Gabapentin, Pregabalin, Ritalinic Acid, Zolpidem, Amphetamine, MDMA, Methylphenidate, 6mam, Barbiturate, Benzodiazepine, Cocaine, THC, PCP, Alcohol, Fentanyl, Specimen Validity	Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER
PANCREATIC CYST FLUID PANEL	Isolation Tube Notes:List specimen SOURCE on the container.	Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	ISOLATION TUBE STERILE CONTAINER RED
PANCREATIC CYST FLUID PANEL (QUEST)	Isolation Tube Notes:List specimen SOURCE on the container.	Store and transport refrigerated	Routine	1-7	Days	QUEST	1	ISOLATION TUBE STERILE CONTAINER
PANCREATIC ELASTASE 1	Sterile Container	Collect undiluted feces in clean, dry, sterile leak-proof container. Do not add fixative or preservative. Store and transport refrigerated. Sample is stable 7 days if refrigerated. 1 gram of stool is preferred. 0.3 grams is the minimum sample.	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER
PANCREATIC POLYPEPTIDE	Quest: Lav EDTA tube Preferred specimen 2 mL Minimum volume 0.6 mL Labcorp: Red 4 ml Clot Tube Overnight fasting is preferred	Spin and separate plasma. QUEST: Store and transport FROZEN. LABCORP: Spin and separate into plastic transport tube. Store and transport FROZEN	Routine	1-7	Days	LABCORP QUEST	1 1	RED LAVENDAR EDTA
PAP SMEAR THIN PREP LABEL	1) Complete a CYTOPATHOLOGY lab request manually or within the Epic computer system. 2) Use PreservCyt container (after checking expiration date of vial). Label the vial with the patient's name (last name,first name) and B# or DOB.	Store and transport room temperture	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	THIN PREP MEDIA THIN PREP MEDIA

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
PAP SMEAR THINPREP AND HPV	Patient should avoid douches 48 to 72 hours prior to examination. Specimen should not be collected during or shortly after menstrual period. Excessive use of lubricating jelly will interfere with cytologic examination Brush/spatula technique: Insert the brush into the endocervical canal until only the bottommost fibers are exposed. Slowly rotate the brush 1/4 to 1/2 turn in one direction. Do not over-rotate the brush. Then, rotate the brush in the PreservCyt® solution 10 times while pushing against the wall of the ThinPrep® vial. Swirl the brush vigorously to release additional material. Discard the brush. Obtain an adequate sample from the ectocervix using a plastic spatula. Swirl vigorously in the ThinPrep® vial 10 times and discard the spatula. Tighten the cap on the ThinPrep® container so that the torque line on the cap passes the torque line on the vial.	Store and transport at Room Temperature	Routine	1-7	Days	LABCORP QUEST	1 1	THIN PREP MEDIA THIN PREP MEDIA
PAP SMEAR THINPREP WITH REFLEX HPV	HPV will be performed if ThinPrep PAP result is ASCUS Patient should avoid douches 48 to 72 hours prior to examination. Specimen should not be collected during or shortly after menstrual period. Excessive use of lubricating jelly will interfere with cytologic examination Brush/spatula technique: Insert the brush into the endocervical canal until only the bottommost fibers are exposed. Slowly rotate the brush 1/4 to 1/2 turn in one direction. Do not over-rotate the brush. Then, rotate the brush in the PreservCyt® solution 10 times while pushing against the wall of the ThinPrep® vial. Swirl the brush vigorously to release additional material. Discard the brush. Obtain an adequate sample from the ectocervix using a plastic spatula. Swirl vigorously in the ThinPrep® vial 10 times and discard the spatula. Tighten the cap on the ThinPrep® container so that the torque line on the cap passes the torque line on the vial.	Store and transport at Room Temperature	Routine	1-7	Days	LABCORP QUEST	1 1	THIN PREP MEDIA THIN PREP MEDIA
PARAINFLUENZA TYPE 1,2,3	Gold 5 ml SST For optimal results, collect from fasting patient.	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
PARVOVIRUS B19 ANTIBODY, IGG	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
PARVOVIRUS B19 ANTIBODY, IGG AND IGM FIFTH DISEASE	Gold 5 ml SST Quest; preferred specimen 2 mL Minimum volume 1 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
PARVOVIRUS B19 ANTIBODY, IGM	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD

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PAS	Varies with source. Contact Microbiology for information Reference Range: No mycotic organisms observed Rejection Criteria: Improper specimen collection, storage, and transport	Varies with source. Contact Microbiology for information	Routine	1	Weeks	GUTHRIE CLINIC LAB	1	STERILE CONTAINER SLIDE
PAS (QUEST)			Routine		Days			
PATERNITY TEST COLLECTION	Guthrie patients who require Paternity Testing must contact DNA DIAGNOSTIC'S CENTER, DDC, at www.dnacenter.com or by calling 1-800-613-5768 or 1-800-DNA-CENTER. 1. Patients who are collected in NYS must have a physician's order to schedule with the testing facility. If scheduled to be collected in PA, no physician order is required. 2. DDC sends a collection kit directly to Guthrie-Corning, Sayre or Troy Hospitals. Regional Offices are not permitted to collect paternity tests. 3. DDC contacts the hospital to make an appointment for the patient's specimen collection.		Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	OTHER OTHER OTHER OTHER
PATIENT RED CELL ANTIGEN TYPING	Pink 6ml EDTA preferred Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Store and ship at room temperature or refrigerated up to 72 hours	Routine	1-7	Days	GCL BLOOD BANK CH BLOOD BANK	1 1	PINK EDTA PINK EDTA
PCA3	PCA3 collection kit required Collect 20-30 ml urine in urine container in office following digital rectal exam. Transfer 2.5 ml urine to PCA3 transport tube.	Store and transport at room temperature	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1 1	CALL LAB CALL LAB CALL LAB
PCB PANEL	Red top 4 ml clot Tube Quest; preferred specimen 2 mL Minimum volume 0.7 mL	Spin and separate into a plastic vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
PEANUT COMPONENT ALLERGY PANEL	1 ml serum in Gold SST tube Quest; minimum volume 0.6 mL	Spin and do not separate. Store and transport at room temperature	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
PENICILLOYL G	Gold 5 ml SST Preferred specimen 0.3 mL Minimum volume 0.15 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	QUEST	1	GOLD
PENTOBARBITAL	Red top 4 ml clot Tube Collect just prior to next dose	Spin and separate into a plastic vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
PERITONEAL DIALYSATE CELL COUNT	Lavendar EDTA Label specimen with SOURCE.	Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	LAVENDAR EDTA
PERITONEAL DIALYSATE CELL COUNT (REF LAB)	Lavendar EDTA Label specimen with SOURCE. Collect only on weekdays before Quest courier arrives Specimen stability: 48 hours	Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	LAVENDAR EDTA STERILE CONTAINER LAVENDAR EDTA STERILE CONTAINER
PH STOOL	Sterile Container	Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	STERILE CONTAINER STERILE CUP
PH, FLUID	2.0 ml body fluid in a plain container Minimum volume 1 mL	Store and transport refrigerated	Routine	1-7	Days	QUEST	1	STERILE CONTAINER

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PH, PLEURAL FLUID (PULM LAB)	Anaerobic sample that is obtained in a heparinized blood gas syringe.	Sample is sent to blood gas lab in a biohazard bag. If sent from an outside hospital, specimen must be placed in a biohazard bag in an ice slurry and analyzed within an hour.	Routine	1-7	Days	RPH RT LAB TCH RT LAB	1 1	STERILE SYRINGE STERILE SYRINGE
PHENCYCLIDINE - CONFIRM URINE	10 ml urine collected in a urine container with temperature strip Quest; minimum volume 5 mL	Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CUP STERILE CONTAINER STERILE CUP
PHENOBARBITAL	Red 4 ml	Spin and separate into separate vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	RED RED 5 ML RED
PHENOBARBITAL (REF LAB)	Red 4 ml Quest; preferred specimen 1 mL Minimum volume 0.2 mL	Spin and separate into separate vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
PHENOL EXPOSURE, URINE	Urine Container Plain, Random	If testing for industrial exposure, collect random urine at the end of the day. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER
PHENOLPHTHALEIN STOOL	Clean Cup, no preservative	Submit 10 mL stool fluid or 10 grams of solid stool. Quest: Store and transport refrigerated. Labcorp: Store and transport Frozen	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CUP STERILE CUP
PHENYLALANINE	Green 10 ml Sodium Heparin Collect specimen after an overnight fast (or at least 4 hours after a meal) if possible Non-fasting samples are acceptable for pediatric patients	Spin and separate into plastic vial. FREEZE immediately and transport sample from regional office on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	GREEN NA HEPARIN GREEN NA HEPARIN
PHENYTOIN	Red tube	Spin and separate into separate vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	RED RED RED RED
PHENYTOIN FREE	Red 10 ml Clot Tube Quest; preferred specimen 2.5 mL Minimum volume 1 mL	Spin and separate into separate vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
PHOSPHATIDYLSERINE ANTIBODIES	QUEST Requirements: Two Blue 2.7 ml Sodium Citrate tubes. 1 ml plasma minimum required Preferred specimen 1 mL Minimum volume 0.5 mL LABCORP Requirements: One Gold 5 ml SST tube 1 ml serum minimum required	QUEST Requirements: Spin and separate plasma into a plastic vial. Store and transport refrigerated. LABCORP Requirements: Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 2	GOLD BLUE CITRATE 2.7 ML
PHOSPHOROUS 24 HOUR (REF LAB)	24 Hour Urine Container with HCl added in lab Required specimen is 24 hr urine preserved with 6N HCl so that specimen pH is below 3. Collect urine in plain 24 hour urine container and refrigerate during and after collection. HCl is added once specimen is received in the core lab. Quest; preferred specimen 10 mL Minimum volume 2 mL	Transport entire container to lab. Store and transport refrigerated Processing: Aliquot a 10 ml sample to send to Quest.	Routine	1-7	Days	LABCORP QUEST	1 1	24 HR URINE CONTAINER HCL 24 HR URINE CONTAINER HCL

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PHOSPHOROUS, 24 HOUR URINE	24 Hour Urine HCL Container	Transport entire container to lab. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	24 HR URINE CONTAINER HCL
PHOSPHORUS	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
PHOSPHORUS RANDOM URINE	Random Urine Container	Transfer to 10ml urine tube for transport. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	STERILE CUP STERILE CONTAINER YELLOW URINE CONICAL TUBE
PHOSPHORUS RANDOM URINE (REF LAB)	Urine Container, Random with HCl added in lab	After urine collection, add 6N HCl to maintain a pH below 3. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	URINE RANDOM HCL URINE RANDOM HCL
PINWORM PREP	Pinworm collector vial is used. Press the sticky paddle with moderate pressure to the perianal region several times, place the paddle into transport container. Daily consecutive specimens, >= 6 days, are obtained to assure patient is infection free. Specimens are best obtained upon waking or just prior to bowel movement. Reference Range: No Enterobius vermicularis observed Rejection Criteria: Sources other than rectal, anal Improper specimen collection, storage, and transport	Store at ROOM TEMPERATURE up to 24 hours.	Routine	72	Hours	GUTHRIE CLINIC LAB	1	PINWORM COLLECTOR VIAL
PLASMA RENIN ACTIVITY	Lavender 3 ml EDTA Quest; preferred specimen 0.8 mL Minimum volume 0.5 mL	At ROOM TEMPERATURE, spin immediately and separate plasma into a plastic vial. FREEZE immediately. Transport frozen sample from regional office on dry ice. Whole blood sample is NOT to be refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	LAVENDAR EDTA LAVENDAR EDTA
PLASMINOGEN ACTIVATOR INHIBITOR	Blue 2.7 ml Sodium Citrate Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Allow 2.7 ml blood to be drawn by vacuum. A completely filled blue top is required to prevent test result error due to dilution of blood with excessive anticoagulant. Immediately centrifuge for 15 minutes. Separate and FREEZE. Transport frozen sample on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	BLUE CITRATE 2.7 ML BLUE CITRATE 2.7 ML

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PLASMINOGEN, FUNCTIONAL	Blue 2.7 ml Sodium Citrate	Allow 2.7 ml blood to be drawn by vacuum. A completely filled blue top is required to prevent test result error due to dilution of blood with excessive anticoagulant. Immediately centrifuge for 15 minutes. Separate plasma into a plastic vial. FREEZE. Transport frozen sample on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	BLUE CITRATE 2.7 ML BLUE CITRATE 2.7 ML
PLATELET AG/AB SCREEN	Red 10 ml Clot Tube - Amount to be collected is dependent on patient's platelet count. Please call Blood Bank	Do not spin. Store at ROOM TEMPERATURE. Not stable for transport from regional office.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1 1	RED RED RED
PLATELET AG/AB SCREEN FOR HLA MATCHED PLATELETS	Red 10 ml Clot Tube - Amount to be collected is dependent on patient's platelet count. Please call Blood Bank at (570)887-4128.	Do not spin. Store at ROOM TEMPERATURE. Not stable for transport from regional office.	Routine	1-7	Days	GCL BLOOD BANK CH BLOOD BANK TCH BLOOD BANK	1 1 1	RED/PINK EDTA PINK EDTA PINK EDTA
PLATELET ANTIBODIES, DIRECT	Quest: 3 Lavender 3 ml EDTA Labcorp: 2 Yellow ACD tubes - Sample can NOT be collected on Fridays as the specimen is only stable for 72 hours ONLY Minimum sample 5 ml whole blood Quest; preferred specimen 7 mL	Do not spin or separate. Whole blood required. Store and transport at ROOM TEMPERATURE	Routine	1-7	Days	LABCORP QUEST	2 3	ACD YELLOW SOLUTION A 8.5 ML LAVENDAR EDTA
PLATELET ANTIBODIES, INDIRECT	Red top 4 ml clot Tube Minimum sample: 1 ml serum Quest; preferred specimen 2 mL Minimum volume 1 mL	Spin and separate into plastic vial. FREEZE immediately. Transport FROZEN sample from regional office on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
PLATELET COUNT	Do not spin or separate. Whole blood required. Immediately mix sample thoroughly by gentle inversion 8 times to avoid clotting of specimen.	Stable at Room Temperature for 12 hours then REFRIGERATE.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	LAVENDAR EDTA LAVENDAR EDTA LAVENDAR EDTA LAVENDAR EDTA
PLAVIX PRU (PLATELET FUNCTION)	SAMPLES ARE NOT SENT TO THE LAB THROUGH THE PNEUMATIC TUBE SYSTEM. Test Cannot be collected at Satellite Offices. Collection tube is a SPECIAL DRAW blue sodium citrate tube filled to the fill line. Call lab to supply collection tube. Use a 21 gauge or larger needle. Collect blood from a venous site. Obtain sample from an extremity free of peripheral venous infusions. Collect a discard tube, approximately 2 ml. This can be any tube except EDTA. Fill the second tube to the black line. Do not under fill. Gently invert to mix. If necessary, blood may be drawn from indwelling catheters following proper blood collection protocol. Avoid contamination with EDTA. Samples are stable for 4 hours at room temperature.	Keep samples at room temperature. Do not centrifuge, separate, freeze or refrigerate.	Routine STAT	4 4	Hours Hours	GUTHRIE CLINIC LAB	1	OTHER

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PNEUMOCOCCAL IGG ANTIBODY (13 SEROTYPES)	Gold 5 ml SST Quest: Pre-immunization specimens require 2 Gold tubes - one is sent for testing, the other held in the lab frozen. Preferred specimen 0.5 mL Minimum volume 0.25 mL	Spin and do not separate. Store and transport refrigerated. Quest: PRE and POST samples should be tested together on the same run to avoid variation in results caused by lot to lot and inter assay variation. It is recommended that two PRE tubes be drawn. Save one PRE serum frozen. The other can be sent to determine the need to vaccinate. If patient already has protective values, there is no need to revaccinate and test a POST sample. If PRE results do not show protective values, send the PRE sample together with the POST vaccination sample.	Routine	1-7	Days	LABCORP QUEST QUEST	1 1 2	GOLD GOLD GOLD/HOLD
PNEUMOCOCCAL IGG ANTIBODY (23 SEROTYPES)	Gold 5 ml SST Quest: Pre-immunization specimens require 2 Gold tubes - one is sent for testing, the other held in the lab frozen. Preferred specimen 0.5 mL Minimum volume 0.25 mL	Spin and do not separate. Store and transport refrigerated. Quest: PRE and POST samples should be tested together on the same run to avoid variation in results caused by lot to lot and inter assay variation. It is recommended that two PRE tubes be drawn. Save one PRE serum frozen. The other can be sent to determine the need to vaccinate. If patient already has protective values, there is no need to revaccinate and test a POST sample. If PRE results do not show protective values, send the PRE sample together with the POST vaccination sample.	Routine	1-7	Days	LABCORP QUEST QUEST	1 1 2	GOLD GOLD GOLD/HOLD
POLIO ANTIBODIES	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
POLYMYOSITIS ASSOCIATED ANTIBODY	Quest: Lavender EDTA tube Labcorp: Red 4 ml Clot Tube	Spin and separate serum or plasma into a plastic vial. Store and transport refrigerated. Stable up to 14 days refrigerated. SST tubes are NOT acceptable.	Routine	1-7	Days	LABCORP QUEST	1 1	RED LAVENDAR EDTA
PORPHOBILINOGEN,QUANTITATIVE 24 HR URINE	24 Hour Urine Plain Container	Avoid light exposure. Store and transport sample refrigerated. Transport entire container to the lab. Core lab processing: If sample is being sent to Labcorp, specimen must be frozen.	Routine	1-7	Days	LABCORP QUEST	1 1	24 HOUR URINE CONTAINER 24 HOUR URINE CONTAINER

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PORPHOBILINOGEN,QUANTITATIVE RANDOM URINE	Amber Urine Container Quest; preferred specimen 10 mL Minimum volume 2 mL	Random urine samples must be protected from light exposure. Dark amber random urine collection containers are preferred and are available from the laboratory send out department. Quest: Store and transport refrigerated. LABCORP samples must be FROZEN.	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE/AMBER STERILE/AMBER
PORPHYRIN TOTAL, PLASMA	Amber and Green Sodium Heparin Tubes Quest; preferred specimen 2 mL Minimum volume 0.4 mL	Spin and separate plasma into an AMBER vial to protect from light. FREEZE. Transport sample from regional office on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	GREEN NAHEP/AMBER GREEN NAHEP/AMBER
PORPHYRINS FRACTIONATED, RANDOM URINE	Amber Urine Container Quest; preferred specimen 2 mL Minimum volume 1.5 mL	Random urine samples must be protected from light exposure. Dark amber random urine collection containers are preferred and are available from the laboratory send out department. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE/AMBER STERILE/AMBER
PORPHYRINS,24HR URINE	24 Hour Urine Plain Container Quest; preferred specimen 12 mL Minimum volume 3 mL	Avoid light exposure. Store and transport sample refrigerated. Transport entire container to the lab.	Routine	1-7	Days	LABCORP QUEST	1 1	24 HOUR URINE CONTAINER 24 HOUR URINE CONTAINER
POST PARTUM RHOGAM	Pink 6ml EDTA preferred Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Stable refrigerated up to 72 hours.	Routine	1-7	Days	CORNING HOSPITAL LAB	1	PINK EDTA
POST PARTUM RHOGAM SCREEN	Pink 6ml EDTA preferred Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Store and ship at room temperature or refrigerated up to 72 hours	Routine	1-7	Days	GCL BLOOD BANK CH BLOOD BANK TCH BLOOD BANK	1 1 1	PINK EDTA PINK EDTA PINK EDTA
POTASSIUM	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
POTASSIUM 24 HOUR URINE	24 Hour Urine Plain Container	Transport entire container to lab. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	24 HOUR URINE CONTAINER 24 HOUR URINE CONTAINER
POTASSIUM BODY FLUID	1 mL fluid in sterile container. List specimen SOURCE on the container.	0Send to Mayo for testing. Centrifuge fluid to remove any cellular material. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	STERILE CONTAINER STERILE CONTAINER STERILE CONTAINER STERILE CONTAINER

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POTASSIUM RANDOM URINE	Sayre, Towanda and Troy- Collect Urine in sterile container and transfer to yellow urine tube. Corning - Sterile container.	Transfer to 10ml urine tube for transport. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	YELLOW URINE CONICAL TUBE STERILE CONTAINER STERILE CUP STERILE CUP STERILE CONTAINER
POTASSIUM,RBC	QUEST: Green 10 ml Sodium Heparin LABCORP: Green-top lithium heparin	Quest: Do not spin. Whole blood required. Store and transport refrigerated. Labcorp: Centrifuge and separate the RBC's into an acid washed screw capped vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GREEN LITHIUM HEPARIN GREEN TOP- NAHEP
POTASSIUM,STOOL	Clean Cup, no preservative	Collect 10ml liquid stool sample. 3 ml absolute minimum sample. FREEZE. Transport frozen sample on dry ice	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CUP STERILE CUP
PREALBUMIN	Sayre/Corning/Troy: Green 4.5 ml PST Towanda: Gold tube	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB TOWANDA HOSPITAL LAB	1 1	GREEN LIHEP PST GOLD GOLD RED
PREGNENOLONE	Red 4 ml Clot Tube - place specimen on ice immediately after collection Quest; preferred specimen 0.5 mL Minimum volume 0.2 mL	Spin and separate into plastic vial. FREEZE. Store and transport frozen sample on dry ice. Sample must be frozen to meet LabCorp requirements, Quest accepts refrigerated or frozen samples.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
PRENATAL TYPE AND SCREEN	Pink 6ml EDTA preferred Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Store and ship at room temperature or refrigerated up to 72 hours	Routine	1-7	Days	GCL BLOOD BANK CH BLOOD BANK TCH BLOOD BANK TMH BLOOD BANK	1 1 1 1	PINK EDTA PINK EDTA PINK EDTA PINK EDTA
PREPARE RHOGAM			Routine		Days			
PRESUMPTIVE ORGANISM ID	{\rtf1\ansi\deflang1033\ftnbj{\fonttbl{\f0 \fmodern \fcharset0 Arial;}}\plain\0\fs20 This is a non-orderable test\par }	{\rtf1\ansi\deflang1033\ftnbj{\fonttbl{\f0 \fmodern \fcharset0 Arial;}}\plain\0\fs20 Micro add-on only\par }	Routine		Days			
PRIMIDONE & PHENOBARBITAL	Red 4 ml Clot Tube Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and separate into plastic vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
PROCAINAMIDE + NAPA	Red 10 ml Clot Tube	Spin and separate into plastic vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
PROCALCITONIN	Gold SST Tube	Spin, separate serum into transport tube and freeze serum. Store and transport FROZEN.	Routine STAT	4 4	Days Days	TOWANDA HOSPITAL LAB	1	GOLD GREEN LIHEP PST
PROGESTERONE	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	Routine STAT	1 2	Days Hours	GUTHRIE CLINIC LAB	1	GREEN LIHEP PST GOLD
PROGESTERONE (REF LAB)	Gold tube	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD

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PROINSULIN	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.8 mL PATIENT PREPARATION: Overnight fasting required.	Spin and separate. FREEZE. Transport frozen sample on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
PROLACTIN	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GREEN LIHEP PST GOLD
PROLACTIN (REF LAB)	Gold SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
PROLACTIN, DILUTION	Gold 5ml SST Overnight fasting preferred Preferred specimen 1 mL Minimum volume 0.5 mL	Spin and separate. Store and transport refrigerated	Routine	1-7	Days	QUEST	1	GOLD
PROLACTIN, TOTAL AND MONOMERIC	Quest: 1 ml serum in Gold SST tube Minimum volume 0.4 mL Fasting specimen recommended but not required Labcorp: 1 ml serum in Gold SST. Lavender EDTA also acceptable. DO NOT COLLECT specimen until patient has been awake for at least two hours.	Quest: Spin and do not separate. Store and transport refrigerated. Labcorp: Spin and separate serum or plasma from cells within 45 minutes of collection. Transfer to a plastic transport tube. Store and transport FROZEN.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD LAVENDAR EDTA GOLD
PROMETHEUS IBD SGI SEROLOGY	2 Lavender 3 ml EDTA AND Gold 5 ml SST Prometheus requires a signed informed consent to perform testing	Two samples are required for this test: 1. Gold SST tube. Spin and do not separate. Minimum 2 ml of serum are required 2. Lavender EDTA tube. Mix by gentle inversion six times. Minimum 2 ml of whole blood required 3. Store and transport both samples refrigerated. Specimens are stable 21 days refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	3 3 3	OTHER OTHER OTHER
PROPAFENONE LEVEL	Red 4 ml Clot Tube	Spin and separate into plastic vial. Store and transport refrigerated. SST tubes are unacceptable	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
PROPERDIN FACTOR B (C3 PROACTIVE)	Red top tube Preferred specimen 1 mL Minimum volume 0.5 mL	Spin and separate serum into transport tube. Store and transport FROZEN.	Routine	1-7	Days	QUEST	1	RED
PROPOXYPHENE	Red 10 ml Clot Tube	Spin and separate into plastic vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
PROPOXYPHENE CONFIRMATION	10 ml urine collected in a urine container with temperature strip	Store and transport refrigerated	Routine	1-7	Days	QUEST	1	STERILE CONTAINER STERILE CUP
PROSTATIC ACID PHOSPHATASE	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Patient Prep: Collect prior to rectal exam or biopsy. Spin and separate into plastic vial. FREEZE. Store and transport on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
PROTEIN BODY FLUID	Sayre/Corning/Troy: White Fluid Tube List specimen SOURCE on the container.	Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB	1	WHITE FLUID TUBE

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
PROTEIN C (FUNCTIONAL)	Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times.	<p>Separate and Ship Frozen</p> <p>Samples are kept at room temperature and centrifuged to obtain platelet poor plasma within four hours of collection. The centrifuged sample must be tested within 4 hours of collection. If testing is delayed more than 4 hours, separate the platelet poor plasma into a labeled polypropylene tube and freeze. Spin time to obtain platelet poor plasma depends on the centrifuge speed.</p> <p>RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 5100 5 minutes 5100 - 7100 3 minutes</p>	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	BLUE CITRATE 2.7 ML
PROTEIN C (FUNCTIONAL) REF LAB	Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times.	<p>Separate and Ship Frozen</p> <p>Centrifuge light blue-top tube for 15 minutes at approximately 1500 g within 60 minutes of collection. Using a plastic pipette, remove plasma, taking care to avoid the WBC/platelet buffy layer and place into a plastic vial. Centrifuge a second time and transfer platelet poor plasma into a new plastic vial and freeze. Spin time to obtain platelet poor plasma depends on the centrifuge speed.</p> <p>RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 4000 6 minutes 5100 3 minutes</p>	Routine	1-7	Days	LABCORP QUEST	1 1	BLUE CITRATE 2.7 ML BLUE CITRATE 2.7 ML

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
PROTEIN C ANTIGENIC	Blue 2.7 ml Sodium Citrate Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Collect ONE light blue-top sodium citrate tube, mix gently by inverting 3-4 times. Centrifuge for 15 minutes within 1 hour of collection. Using a plastic pipette, remove the plasma into a plastic vial, taking care to avoid the WBC/platelet buffy layer (the white, milky line that appears between the plasma and red blood cell interface). Centrifuge the plasma a second time and transfer the platelet-poor plasma into a new plastic vial, taking care to avoid any cell button that may have formed on the bottom of the test tube. FREEZE immediately. Store and transport on dry ice. Hemolyzed samples will be rejected.	Routine	1-7	Days	LABCORP QUEST	1 1	BLUE CITRATE 2.7 ML BLUE CITRATE 2.7 ML
PROTEIN CSF	Spinal Fluid Container Collect 5 ml spinal fluid. Label container with SOURCE.	Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	CSF CONTAINER CSF CONTAINER
PROTEIN ELECTROPHORESIS 24 HR URINE W/REFLEX TO IMMUNOFIXATION (REF LAB)	24 Hr Urine Container Plain Quest; preferred specimen 25 mL Minimum volume 10 mL	Store and transport refrigerated. 24 HR send entire container. Processing: Aliquot 25 ml of 24 hour collection to send to reference lab.	Routine	1-7	Days	LABCORP QUEST	1 1	24 HOUR URINE CONTAINER 24 HOUR URINE CONTAINER
PROTEIN ELECTROPHORESIS RANDOM URINE (REF LAB)	Random urine in a Sterile container The Labcorp test includes a reflex to Immunofixation; the Quest test does not. Quest; preferred specimen 25 mL Minimum volume 10 mL	Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CUP YELLOW URINE CONICAL TUBE STERILE CUP STERILE CONTAINER YELLOW URINE CONICAL TUBE
PROTEIN ELECTROPHORESIS SERUM W/REFLEX TO IMMUNOFIXATION	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine STAT	6 6	Days Days	GUTHRIE CLINIC LAB	1	GOLD
PROTEIN ELECTROPHORESIS SERUM W/REFLEX TO IMMUNOFIXATION (REF LAB)	Gold 5 ml SST Overnight fasting is preferred Quest; preferred specimen 3 mL Minimum volume 1.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
PROTEIN ELECTROPHORESIS URINE W/REFLEX TO IMMUNOFIXATION	Urine Container Plain- Both random and 24 hour Urine accepted	Store and transport refrigerated. 24 HR send entire container-Random send yellow urine tube.	Routine STAT	6 6	Days Days	GUTHRIE CLINIC LAB	1	YELLOW URINE CONICAL TUBE
PROTEIN ELECTROPHORESIS, SERUM	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated. This test can used for initial and follow-up testing. NOTE: Test performed in Sayre on Mon / Wed.	Routine STAT	6 6	Days Days	GUTHRIE CLINIC LAB	1	GOLD
PROTEIN S (FUNCTIONAL)- INACTIVE	Avoid hemolysis.	Spin and separate plasma into plastic vial. FREEZE. Transport FROZEN sample from regional office on dry ice.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	BLUE CITRATE 2.7 ML

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PROTEIN S ACTIVITY	Blue 2.7 ml Sodium Citrate Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Collect ONE light blue-top sodium citrate tube, mix gently by inverting 3-4 times. Centrifuge for 15 minutes within 1 hour of collection. Using a plastic pipette, remove the plasma into a plastic vial, taking care to avoid the WBC/platelet buffy layer (the white, milky line that appears between the plasma and red blood cell interface). Centrifuge the plasma a second time and transfer the platelet-poor plasma into a new plastic vial, taking care to avoid any cell button that may have formed on the bottom of the test tube. FREEZE immediately. Store and transport on dry ice. Hemolyzed samples will be rejected.	Routine	1-7	Days	LABCORP QUEST	1 1	BLUE CITRATE 2.7 ML BLUE CITRATE 2.7 ML
PROTEIN S ANTIGENIC	Blue 2.7 ml Sodium Citrate Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Collect ONE light blue-top sodium citrate tube, mix gently by inverting 3-4 times. Centrifuge for 15 minutes within 1 hour of collection. Using a plastic pipette, remove the plasma into a plastic vial, taking care to avoid the WBC/platelet buffy layer (the white, milky line that appears between the plasma and red blood cell interface). Centrifuge the plasma a second time and transfer the platelet-poor plasma into a new plastic vial, taking care to avoid any cell button that may have formed on the bottom of the test tube. FREEZE immediately. Store and transport on dry ice. Hemolyzed samples will be rejected.	Routine	1-7	Days	LABCORP QUEST	1 1	BLUE CITRATE 2.7 ML BLUE CITRATE 2.7 ML
PROTEIN TOTAL	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
PROTIME-INR	Blue Citrate 2.7 ml Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times.	Sample is stable 24 hrs at ROOM TEMPERATURE. The sample can be either maintained uncentrifuged or centrifuged with plasma remaining on top of the cells, in an unopened tube, at room temperature for up to 24 hours from the time of specimen collection. Avoid mechanical agitation of whole blood samples during storage. If testing is delayed more than 24 hours or if any other coagulation tests are performed on the same sample, obtain platelet poor plasma. Separate the platelet poor plasma into a labeled polypropylene tube and freeze. Spin time to obtain platelet poor plasma depends on the centrifuge speed. RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 5100 5 minutes 5100 - 7100 3 minutes	STAT	30	Minutes	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	BLUE CITRATE 2.7 ML BLUE CITRATE FROZEN BLUE CITRATE 2.7 ML BLUE CITRATE FROZEN BLUE CITRATE 2.7 ML BLUE CITRATE FROZEN BLUE CITRATE 2.7 ML BLUE CITRATE FROZEN
PSA DIAGNOSTIC	SAYRE/TROY/TOWANDA: Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB TOWANDA HOSPITAL LAB	1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
PSA SCREEN (INITIAL)	SAYRE/TROY/TOWANDA: Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB TOWANDA HOSPITAL LAB	1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
PSA TOTAL (REF LAB)	Gold SST Do not collect specimen after a transrectal biopsy, results may be falsely elevated Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
PSA, TOTAL & FREE (UROLOGY PATIENTS ONLY)	Gold 5 ml SST Quest; preferred specimen 2 mL Minimum volume 0.6 mL	Spin and separate into plastic vial. FREEZE. Transport FROZEN sample on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
PTH INTACT	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GREEN LIHEP PST
PTH INTACT (QUEST)	Red top tube	Spin and separate. Store and transport frozen.	Routine	1-7	Days	QUEST	1	RED
PTH-RELATED PROTEIN	QUEST: Green 10 ml Sodium Heparin Preferred specimen 0.5 mL Minimum volume 0.3 mL LABCORP: Lavender 3ml EDTA.	Spin and separate plasma into a plastic vial. FREEZE. Store and transport on dry ice	Routine	1-7	Days	LABCORP QUEST	1 1	LAVENDAR EDTA GREEN TOP- NAHEP
PTT-LA INCUB MIX (REFLEX)	Labcorp reflex test only. See Lupus (Ref Lab) for specimen requirements		Routine	1-7	Days			
PTT-LA MIX (REFLEX)	Labcorp reflex test only. See Lupus (Ref Lab) for specimen requirements		Routine	1-7	Days			

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
PYRUVATE KINASE, RBC	Yellow 6 ml ACD-B	Do not spin or separate. Whole blood required. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	ACD YELLOW SOLUTION B 6 ML ACD YELLOW SOLUTION B 6 ML
PYRUVATE, BLOOD	Quest: 2 Lavender 3 ml EDTA Quest; preferred specimen 4.5 mL Minimum volume 2 mL Labcorp: Gray top tube SAYRE CAMPUS ONLY	Transport to the send out department IMMEDIATELY, where it must be well mixed with equal parts of ice cold 7-8% perchloric acid. Let mixture stand for 10 minutes, then centrifuge. Immediately transfer the clear supernatant to a transport tube. Label the transport tube as "supernatant" and send to the reference laboratory refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 2	GRAY LAVENDAR EDTA
Q FEVER ANTIBODIES (IGG,IGM)	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.2 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
QUANTITATIVE ET CULTURE W/GS	Place aspirate or washing in a sputum trap	Store and transport refrigerated up to 24 hours. Rejection Criteria: Sources other than endotracheal aspirate ? 2 cultures in 24 hours Improper specimen collection, storage, and transport	Routine Routine Routine	72 72 72	Hours Hours Hours	GUTHRIE CLINIC LAB	1	STERILE CONTAINER
QUETIAPINE LEVEL (SEROQUEL)	Red 4 ml Clot Tube	Spin and separate into plastic vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
QUINIDINE LEVEL	Red 4 ml Clot Tube	Spin and separate into a plastic vial. Store and transport refrigerated. SST tubes are unacceptable	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
RABIES ANTIBODY	Gold 5 ml SST Quest; preferred specimen 2 mL Minimum volume 1 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
RAPAMYCIN LEVEL	Lavender 3 ml EDTA Quest; preferred specimen 2 mL Minimum volume 1 mL	Do not spin or separate. Whole blood required. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	LAVENDAR EDTA LAVENDAR EDTA
RAPID PLASMA REAGIN-SYPHILIS (REF LAB)	Gold SST tube Spin and do not separate. Quest; preferred specimen 1 mL Minimum volume 0.6 mL	Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
RAPID PLASMA REAGIN-SYPHILIS	Gold SST tube Spin and do not separate. Plasma is also acceptable if testing is completed before the specimen is 48 hours old.	Store and transport refrigerated.	STAT Routine	5 5	Days Days	CORNING HOSPITAL LAB	1	GOLD RED

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RAPID STREP A SCREEN W/ REFLEX	<p>PROCEDURE:</p> <ol style="list-style-type: none"> Depress tongue with depressor. Carefully but firmly rub the swab across the posterior tonsils and inflamed areas with a double swab culturette. White patches area especially productive for streptococcal isolation. Inadequate specimens are usually a result of swabbing the tongue or uvula and inadequately exposing the pharynx. Return swab to container and label the culturette noting site. <p>Reference Range: Negative</p> <p>Rejection Criteria: Sources other than throat Improper specimen collection, storage, and transport</p>	<p><= 8 hours, Room Temperature <=72 hours Refrigerated 2 - 8°C If reflexing to culture RT<=48hours</p>	<p>Routine STAT Routine STAT Routine STAT</p>	<p>8 1 8 1 8 1</p>	<p>Hours Hours Hours Hours Hours Hours</p>	<p>TROY HOSPITAL LAB CORNING HOSPITAL LAB TOWANDA HOSPITAL LAB</p>	<p>1 1 1</p>	<p>SWAB, CULTURETTE 11 DUAL SWAB, CULTURETTE 11 DUAL SWAB, CULTURETTE 11 DUAL</p>
RAPID STREP SCREEN W/ CULTURE IF NEG	<ol style="list-style-type: none"> Depress tongue with depressor. Carefully but firmly rub the swab across the posterior tonsils and inflamed areas with a double swab culturette. White patches area especially productive for streptococcal isolation. Inadequate specimens are usually a result of swabbing the tongue or uvula and inadequately exposing the pharynx. Return swab to container and label the culturette noting site. 	Store specimen at room temp. up to 2 hours (Sayre) and up to 24 hours (via courier). Allow 1 hour for STAT test results.	<p>STAT Routine STAT Routine STAT Routine</p>	<p>1 24 45 24 45 24</p>	<p>Hours Hours Minutes Hours Minutes Hours</p>	<p>GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB</p>	<p>1 1 1</p>	<p>SWAB, CULTURETTE 11 DUAL SWAB, CULTURETTE 11 DUAL SWAB, CULTURETTE 11 DUAL</p>
RAST GUTHRIE BEE PANEL, IGE	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated. Panel includes the following bees: honey, paper wasp, white-faced hornet, yellow hornet and yellow jacket. If sent to Quest, a total serum IgE level is also included. If sent to Labcorp, the total serum IgE must be ordered separately if desired.	Routine	1-7	Days	LABCORP QUEST	<p>1 1</p>	<p>GOLD GOLD</p>
RAST NORTHEAST PANEL	2 Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	<p>2 2</p>	<p>GOLD GOLD</p>
RAST, 6 OR MORE ALLERGENS	2 Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	<p>GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB</p>	<p>2 2 2 2</p>	<p>GOLD GOLD GOLD GOLD</p>
RAST, UP TO 5 ALLERGENS	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	<p>GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB</p>	<p>1 1 1 1</p>	<p>GOLD GOLD GOLD GOLD</p>
RBC FRAGILITY, INCUBATED, BLOOD	Green 10 ml Sodium Heparin LABCORP: Also requires 2 unfixed, air-dried, unstained smears	<p>Please call the laboratory send-out department at ext. 5680 prior to specimen collection. This sample must ONLY be collected at a hospital campus MON-WED due to specimen instability.</p> <p>Do not spin or separate. Store and transport refrigerated.</p>	Routine	1-7	Days	LABCORP QUEST	<p>1 1</p>	<p>GREEN NA HEPARIN GREEN NA HEPARIN</p>

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RBC MORPHOLOGY REVIEW	Lavendar EDTA 3 ml Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Stable at Room Temperature for 12 hours then REFRIGERATE.	STAT Routine	1 4	Hours Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	LAVENDAR EDTA LAVENDAR EDTA LAVENDAR EDTA LAVENDAR EDTA
REDUCING SUBSTANCES STOOL	Collect 10-30 grams feces. Place into a plastic container. Quest; preferred specimen 10 gm Minimum volume 3 gm	FREEZE. Transport frozen sample on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER
RENAL FAILURE PANEL	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated. Note:Panel includes: CMP, phosphorus and uric acid.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
RENAL FUNCTION PANEL	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
REPEAT NEWBORN SCREEN	PKU Form Required 1. Place infant heel warmer on baby's heel, prepare necessary equipment while warming. 2. Cleanse area that is punctured with alcohol pad; allow to dry (may be wiped with sterile gauze pad). 3. Using a disposable lancet make puncture in the appropriate area (refer to capillary puncture heel stick policy found in Collection Manual GMG-708-0002. 4. Begin massaging leg and foot to create ample blood flow wipe away first drop with sterile gauze pad then obtain a large drop of blood that is directly dropped into the front center of PKU circle insuring that the circle is completely saturated through to back side of filter paper (being careful not to touch paper with foot). 5. Once all four circles are completely filled apply a fresh piece of sterile gauze to the site with ample pressure until wound has clotted. (If you are unable to fill a circle do not attempt to finish filling it later, make a new circle in the filter paper area and fill it) 6. Fill in the required information on the PKU requisition as well as the label (Collector ID, time and date of collection) 7. Obtain a copy from original PKU requisition , apply completed label to photocopy then fold and place in PKU envelope. (behind PKU requisition).	PKU and all required papers are then transported immediately to the Core Laboratory. The PKU is to be placed on the Phlebotomy cart, flat – face side up being extremely careful to ensure that the filter paper does not come in contact with anything (on top of cart). LIMITATIONS: 1. Do not let 2 PKU forms touch each other when wet. 2. Be sure filter paper lays flat to dry for at least 4 hours. 3. Do not touch collection site with your fingers. 4. Do not place in a ziplock bag. 5. Be sure the circles on the filter paper are completely full. 6. Do not overlap blood circles. 7. Be sure blood filters completely through the filter paper. 8. Always apply blood from front to back of form.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	NEWBORN SCREENING CARD NEWBORN SCREENING CARD NEWBORN SCREENING CARD NEWBORN SCREENING CARD NEWBORN SCREENING CARD

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
REPTILASE	Blue 2.7 ml Sodium Citrate Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Centrifuge 15 minutes at 1500 x g within 1 hour of collection. Using a plastic pipette, remove plasma, taking care to avoid the WBC/platelet buffy layer and place into a plastic vial. Centrifuge a second time and transfer platelet-poor plasma into a new plastic vial(s). FREEZE. Transport FROZEN sample from regional office on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	BLUE CITRATE 2.7 ML BLUE CITRATE 2.7 ML
RESULT (O&P)	This is a non-orderable test	Reflex test only	Routine	1-7	Days	LABCORP	1	GOLD
RETICULIN ANTIBODIES W REFLEX TO TITER	Gold 5 ml SST If this test is positive a titer is performed automatically	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
RETICULOCYTE COUNT	Lav EDTA Whole blood required.	Do not spin or separate. Retic Count samples are stable at room temperature for 24 hours and refrigerated for up to 72 hours. Specimens must be protected from exposure to heat.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TOWANDA HOSPITAL LAB TROY HOSPITAL LAB	1 1 1 1	LAVENDAR EDTA LAVENDAR EDTA LAVENDAR EDTA LAVENDAR EDTA
RETINOL BINDING PROTEIN	Gold 5 ml SST PATIENT PREPARATION: A 12 hour fast is required	Avoid hemolysis. Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
RH IMMUNOGLOBULIN	Pink 6ml EDTA preferred Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Store and ship at room temperature or refrigerated up to 72 hours	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	PINK EDTA PINK EDTA
RHEUMATOID FACTOR	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GOLD
RHEUMATOID FACTOR (REF LAB)	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
RHEUMATOID FACTOR, SYN FLUID	Collect 1ml of synovial fluid. Label container with SOURCE. Store and transport refrigerated.		Routine	1-7	Days	LABCORP QUEST	1 1	ISOLATION TUBE ISOLATION TUBE
RISPERIDONE	Red 10 ml Clot Tube PATIENT PREPARATION: Draw 1/2 - 1 hour before next dose at steady state Minimum sample: 1.5 ml SST tubes are unacceptable	Spin and separate into plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
RISTOCETIN COFACTOR	Blue 2.7 ml Sodium Citrate Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Invert 4 times immediately after collection. Immediately centrifuge 15 minutes. Separate plasma into a plastic vial and FREEZE. Transport frozen sample from regional office on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	BLUE CITRATE 2.7 ML BLUE CITRATE 2.7 ML

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ROCKY MOUNTAIN SPOTTED FEVER	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ROCKY MOUNTAIN SPOTTED FEVER ANTIBODY	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated. If screen is positive a titer is performed automatically.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
ROTA VIRUS EIA STOOL	<p>1. Pass stool (must be >2mm and not dry) directly into a clean, dry specimen container.</p> <p>2. Secure lid and label sample noting source as stool.</p> <p>Reference Range: Negative</p> <p>Rejection Criteria: Sources other than stool, swab and dry stool Improper specimen collection, storage, and transport</p>	Store in the refrigerator for up to 72 hours.	STAT Routine	2 24	Hours Hours	GUTHRIE CLINIC LAB	1	STERILE CONTAINER STERILE CUP
RSV PCR ASSAY	<p>Please note: Routine testing is not recommended outside of the respiratory virus season due to low specificity.</p> <p>NASOPHARYNX</p> <p>1. Gently insert the Xpert Nasopharyngeal Sample Collection Kit nasopharyngeal swab approximately ½ the distance to the same-side ear (3 - 5 cm).</p> <p>2. Roll against inside nasal wall.</p> <p>3. Immediately place swab into Xpert Nasopharyngeal Sample Collection Kit Transport Tube.</p> <p>4. Label source as Nasopharynx.</p> <p>Reference Range: Negative</p> <p>Rejection Criteria: Improper specimen collection, storage, and transport</p>	<p>Store and transport Refrigerated.</p> <p>Specimens placed in Xpert Nasopharyngeal Sample Collection Kit can be stored 2-8°C for 7 days.</p>	STAT Routine	1 24	Hours Hours	GUTHRIE CLINIC LAB	1	XPERT NASOPHARYNGEAL SAMPLE COLLECTION KIT STERILE CONTAINER

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
RSV RAPID ANTIGEN	<p>Please note: Routine testing is not recommended outside of the respiratory virus season due to low specificity.</p> <p>NASAL WASHING (preferred method)</p> <ol style="list-style-type: none"> 1. Tilt patient plain's head at 70 degree angle. 2. Draw 1 mL of saline into rubber bulb or syringe. 3. Instill saline into nasal cavity. 4. Immediately recover sample by aspiration. 5. Place recovered specimen into sample container. 6. Label source as Nasal Washings. <p>NASOPHARYNX (secondary method)</p> <ol style="list-style-type: none"> 1. Gently insert the nasopharyngeal swab approximately ½ the distance to the same-side ear (3 - 5 cm). 2. Roll against inside nasal wall. 3. Place swab into 0.5 - 3 mL sterile saline within 1 h of collection. 4. Label source as Nasopharynx. <p>Reference Range: Negative</p> <p>Rejection Criteria: Sources other than nasal washing, nasopharynx Improper specimen collection, storage, and transport</p>	Specimen must be received in the testing lab within 24 hours. Store nasal wash samples in the refrigerator.	STAT STAT STAT Routine Routine Routine	45 45 45 24 24 24	Minutes Minutes Minutes Hours Hours Hours	TROY HOSPITAL LAB CORNING HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1	STERILE CONTAINER STERILE CONTAINER STERILE CONTAINER
RUBELLA ANTIBODY IGG	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GOLD
RUBELLA ANTIBODY IGG (REF LAB)	Gold SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
RUBELLA ANTIBODY, IGM	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.6 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
RUBEOLA AB, IGG (LC)	Gold 5 ml SST Preferred specimen 0.5 mL Minimum volume 0.2 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP	1	GOLD
RUBEOLA AB, IGM (LC)	Gold 5 ml SST Preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP	1	GOLD
RUBEOLA ANTIBODIES	Gold 5 ml SST Preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	QUEST	1	GOLD
RUBEOLA ANTIBODY IGG	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
RUBEOLA ANTIBODY, IGM	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD

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RUSSELL VIPER VENOM TIME	Blue 2.7 ml Sodium Citrate Quest; preferred specimen 2 mL Minimum volume 1 mL	It is imperative to take extra precautions in preparing platelet-poor plasma. Spin and separate into a plastic vial. Spin test tube for a full 15 minutes and remove plasma from the very top of the test tube to avoid platelet contamination. FREEZE. Transport frozen sample on dry ice. g1033	Routine	1-7	Days	LABCORP QUEST	1 1	BLUE CITRATE 2.7 ML BLUE CITRATE 2.7 ML
SALICYLATE	Red tube	Spin and separate into separate vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	RED RED RED RED
SALIVARY CORTISOL	Salivette Collection Tube ONLY Quest; preferred specimen 0.5 mL Minimum volume 0.2 mL	1. Rinse mouth thoroughly with water, discard. Do not swallow. 2. Remove swab and place swab under the tongue until well saturated, approx. 1 minute. Test requires 0.5 ml of saliva. 3. Return saturated swab to the container. 4. Label the specimen with patient name, B#, date and time of collection. 5. Store and transport refrigerated. Sample is viable for 7 days refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	SWAB, CULTURETTE SINGLE SWAB, CULTURETTE SINGLE
SCABIES	Submit skin scrapings between two glass slides rubber-banded together, or place dry scrapings in a sterile screw-cap container	Store and transport at room temperature	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER
SCHISTOSOMA ANTIBODY, IGG	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
SCLERODERMA ANTIBODY	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
SEDIMENTATION RATE	Black-Top Sed Rate Tube 1. Do not spin or separate, whole blood required. Immediately mix sample by gentle inversion 8 times to avoid specimen clotting. 2. Tubes must be filled with approximately 1 ml of blood.	Store and transport refrigerated Samples drawn in 1.2 ml black top sodium citrate tubes are stable at room temperature for 4 hours and 72 hours refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	ESR VACUUM TUBE LAVENDAR EDTA ESR VACUUM TUBE LAVENDAR EDTA ESR VACUUM TUBE LAVENDAR EDTA ESR VACUUM TUBE LAVENDAR EDTA
SELENIUM, BLOOD	Royal Dark Blue 6 ml EDTA Trace Metal Quest; preferred specimen 2 mL Minimum volume 1 mL	Do not spin or separate. Whole blood required. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	ROYAL BLUE EDTA WHOLE BLD ROYAL BLUE EDTA WHOLE BLD

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SELENIUM, SERUM	Royal Dark Blue 6 ml No Additive SERUM Trace Metal Patient Preparation: Patient should refrain from taking vitamins or mineral supplements at least three days prior to specimen collection. Quest; preferred specimen 2 mL Minimum volume 0.7 mL	Spin and separate serum into a trace element container within 1 hour of collection. DO NOT use a pipet. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	ROYAL BLUE TRACE ELEMENT 7 ML ROYAL BLUE TRACE ELEMENT 7 ML
SEMEN ANALYSIS (FERTILITY)	The best method for collection of seminal fluid is masturbation without aid of a lubricant directly into a clean, dry, room temperature wide-mouth glass or hard plastic container. A specimen collected in any way other than masturbation is not acceptable because it may interfere with the test results. The use of a condom for specimen collection is not acceptable because it also may interfere with the test results. 1.The patient must abstain from ejaculation (sexual activity/intercourse) for at least 48 hours before collecting this specimen. However, do not abstain for longer than 7 days before specimen collection. 2.Care must be taken to collect the entire specimen in the container. Loss of the first portion of the ejaculate may result in a decreased sperm count. Do not contaminate the specimen. 3.The specimen should be brought to the laboratory within 1 hour of collection.	The specimen must be maintained at body temperature during transport. This can be accomplished by carrying the sample in an inside pocket.	Routine	1-7	Days	CORNING HOSPITAL LAB	1	STERILE CONTAINER
SEMEN ANALYSIS (FERTILITY)	The best method for collection of seminal fluid is masturbation without aid of a lubricant directly into a clean, dry, room temperature wide-mouth glass or hard plastic container. A specimen collected in any way other than masturbation is not acceptable because it may interfere with the test results. The use of a condom for specimen collection is not acceptable because it also may interfere with the test results. 1. The patient must abstain from ejaculation (sexual activity/intercourse) for at least 48 hours before collecting this specimen. However, do not abstain for longer than 7 days before specimen collection. 2. Care must be taken to collect the entire specimen in the container. Loss of the first portion of the ejaculate may result in a decreased sperm count. Do not contaminate the specimen. 3. The specimen should be brought to the laboratory within 1 hour of collection.	The specimen must be maintained at body temperature during transport. This can be accomplished by carrying the sample in an inside pocket.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	STERILE CONTAINER
SEMEN ANALYSIS (POST REVERSAL)	Specimens are from OR - Sterile Container Needed	Store and ship room temp	Routine	1-7	Days	CORNING HOSPITAL LAB	1	STERILE CONTAINER

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SEMEN ANALYSIS (STERILITY/POST VAS)	<p>The best method for collection of seminal fluid is masturbation without aid of a lubricant directly into a clean, dry, room temperature wide-mouth glass or hard plastic container. A specimen collected in any way other than masturbation is not acceptable because it may interfere with the test results. The use of a condom for specimen collection is not acceptable because it also may interfere with the test results.</p> <p>1. The patient must abstain from ejaculation (sexual activity/intercourse) for at least 48 hours before collecting this specimen. However, do not abstain for longer than 7 days before specimen collection.</p> <p>2. Care must be taken to collect the entire specimen in the container. Loss of the first portion of the ejaculate may result in a decreased sperm count. Do not contaminate the specimen.</p>	Store and ship room temperature	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	STERILE CONTAINER STERILE CONTAINER STERILE CONTAINER STERILE CONTAINER
SEROTONIN RELEASE ASSAY	Gold 5 ml SST NY specimen testing is not available at Quest laboratory; for NY patients order as a Miscellaneous test and send to Labcorp (test code 150018)	Centrifuge and immediately separate serum specimen from the cells into clean, plastic, screw-capped vial. Store and transport frozen sample on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
SEROTONIN, BLOOD	Requires Serotonin transport kit - contact laboratory before collection Quest; preferred specimen 4 mL Minimum volume 1 mL		Routine	1-7	Days	LABCORP QUEST	1 1	CALL LAB CALL LAB
SEROTONIN, SERUM	Gold 5 ml SST Quest; preferred specimen 2 mL Minimum volume 1 mL	Spin and separate into a plastic vial. FREEZE within 1 hour	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
SERTRALINE, SERUM	Red 10 ml Clot Tube	Spin and separate serum into a plastic vial. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
SERUM INTEGRATED SCREEN PART 1	Gold tube Collect between 10 and 13.9 weeks of gestation Quest; preferred specimen 1.5 mL Minimum volume 0.8 mL	Spin and do not separate. Store and transport refrigerated. 3 ml serum preferred - minimum volume 1 ml	Routine	5	Days	LABCORP QUEST	1 1	GOLD GOLD
SERUM INTEGRATED SCREEN PART 2	Quest: 1 Gold tube Labcorp : 2 Gold tubes Collect between 14.0 and 22.9 weeks of gestation	Spin and do not separate. Store and transport refrigerated. Quest - 3 ml serum preferred, minimum volume 1 ml Labcorp - 5 ml serum preferred, minimum volume 3 ml	Routine	4	Days	LABCORP QUEST	2 1	GOLD GOLD
SEX HORMONE BINDING GLOBULIN	Gold 5 ml SST Quest; preferred specimen 0.7 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
SICKLE CELL SCREEN	Lavender 3 ml EDTA Quest; preferred specimen 4 mL Minimum volume 0.5 mL	Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	LAVENDAR EDTA LAVENDAR EDTA

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SINUS CULTURE (C&S)	<p>SINUS AEROBIC CULTURE:</p> <p>1. Acceptable sinus specimens include: Endoscopically collected purulent drainage, needle puncture and aspiration, sinus tissue, curettage, scrapings and debridement material.</p> <p>2. Place specimen in a sterile container and keep moist with the addition of a small amount of sterile saline. Aspirates must be submitted in a syringe with the needle removed.</p> <p>3. Label sample noting source of sinus.</p> <p>SINUS ANAEROBIC CULTURE:</p> <p>1. Place tissue in a sterile container.</p> <p>Reference Range for aerobic culture: No aerobic growth Reference Range for anaerobic culture: No growth aerobic/anaerobic</p> <p>Rejection Criteria: Nasal swabs for diagnosis of sinusitis Improper specimen collection, storage, and transport</p>	If using ESwab refrigerate (4-8°C) or RT (20-25°C) <=48hrs, otherwise RT <=24hours	Routine Routine Routine Routine	5 5 72 72	Days Days Hours Hours	GUTHRIE CLINIC LAB	1	STERILE CONTAINER STERILE CUP STERILE SYRINGE ESwab Minitip Collection Kit
SJOGRENS SYNDROME ANTIBODIES	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
SODIUM	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
SODIUM 24 HOUR URINE	24 Hour Urine Plain Container	Transport entire container to lab. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	24 HOUR URINE CONTAINER 24 HOUR URINE CONTAINER
SODIUM BODY FLUID	1 mL fluid in sterile container. List specimen SOURCE on the container.	Send to Mayo for testing. Centrifuge fluid to remove any cellular material. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	STERILE CONTAINER STERILE CONTAINER STERILE CONTAINER STERILE CONTAINER
SODIUM RANDOM URINE	Sayre, Towanda and Troy- Collect Urine in sterile container and transfer to yellow urine tube. Corning - Sterile container.	Transfer to 10ml urine tube for transport. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	YELLOW URINE CONICAL TUBE STERILE CONTAINER STERILE CUP STERILE CUP STERILE CONTAINER
SODIUM, FECES	Clean Cup, no preservative	Collect 10ml of liquid stool. (3ml absolute minimum). FREEZE. Store and transport on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CUP STERILE CUP

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SOMATOMEDIN-C (IGF-I)	Red 4 ml Clot Tube Quest; preferred specimen 0.5 mL Minimum volume 0.3 mL	Spin and separate into plastic vial. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
SOMATOSTATIN	Lavender 3 ml EDTA Draw in a pre-chilled lavender-top tube Quest; preferred specimen 1.8 mL Minimum volume 0.6 mL	Separate and freeze immediately. Do not thaw. Transport from regional office on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	LAVENDAR EDTA LAVENDAR EDTA
SPECIFIC GRAVITY BODY FLUID	White Fluid Tube List specimen SOURCE on the container.	Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB	1	WHITE FLUID TUBE
SPECIFIC GRAVITY BODY FLUID (REF LAB)	White Fluid Tube Submit 5-8 mL CSF, synovial, or other sterile body fluid in a sterile, plastic, leakproof container. List specimen SOURCE on the container.	Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	WHITE FLUID TUBE WHITE FLUID TUBE
SPINAL FLUID CELL COUNT	CSF Container Label specimen with SOURCE.	Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	CSF CONTAINER CSF CONTAINER
SPINAL FLUID CULTURE W/GS	1. Disinfect site with 2% iodine. 2. Insert a needle with stylet at L3-L4,L4-L5 or L5-S1 inter-space. 3. On reaching the sub-arachnoid space, remove the stylet and collect 1.5 ml of spinal fluid (minimum of 1ml for bacterial culture and a minimum of 2mls for fungal culture and mycobacterial culture) in each of three leak-proof screw cap sterile tubes. 4. Label samples noting the sample source on each. Reference range: No aerobic growth at 7 days Rejection Criteria: Sources other than CSF Improper specimen collection, storage, and transport	Store and transport at room temp up to 24 hours. DO NOT REFRIGERATE.	Routine Routine Routine	7 7 7	Days Days Days	GUTHRIE CLINIC LAB	1	STERILE CONTAINER CSF CONTAINER
SPINAL MUSCULAR ATROPHY CARRIER SCREEN	Quest: 2 Lav EDTA tubes A signed informed consent form is required to perform testing. Quest; preferred specimen 4 mL Minimum volume 2 mL Labcorp: 3 Lav EDTA tubes	Whole blood required. Do not spin or separate. Quest: Store and transport refrigerated. Labcorp: Store and transport at room temperature.	Routine	7	Days	LABCORP QUEST	3 2	LAVENDAR EDTA LAVENDAR EDTA

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SPUTUM CULTURE	<p>SPUTUM (expectorated)</p> <p>1. BACTERIAL AEROBIC CULTURE and/or FUNGAL CULTURE: Collect early morning sample obtained after a deep cough. Do not pool samples.</p> <p>2. Patient should rinse mouth with water before sputum is collected. Instruct patient to avoid adding saliva or nasopharyngeal discharges to the sample.</p> <p>3. Collect the expectorated sputum in a sterile container.</p> <p>4. Label sample noting the specimen source.</p> <p>TRACHEAL ASPIRATE:</p> <p>1. BACTERIAL AEROBIC CULTURE and/or FUNGAL CULTURE: Collect bronchoscopy or tracheal aspirations avoiding contamination by oropharyngeal flora.</p> <p>2. Place aspirate, bronch lavage or washing in sputum trap or sterile container.</p> <p>3. Label sample noting the sample source.</p>	Store and transport refrigerated up to 24 hours	Routine Routine Routine	72 72 72	Hours Hours Hours	GUTHRIE CLINIC LAB TROY HOSPITAL LAB CORNING HOSPITAL LAB	1 1 1	STERILE CONTAINER STERILE CONTAINER STERILE CONTAINER
SPUTUM CULTURE WITH GRAM STAIN	<p>SPUTUM (expectorated)</p> <p>1. BACTERIAL AEROBIC CULTURE and/or FUNGAL CULTURE: Collect early morning sample obtained after a deep cough. Do not pool samples.</p> <p>2. Patient must rinse mouth with water before sputum is collected. Instruct patient to avoid adding saliva or nasopharyngeal discharges to the sample.</p> <p>3. Collect the expectorated sputum in a sterile container.</p> <p>4. Label sample noting the specimen source.</p> <p>TRACHEAL ASPIRATE:</p> <p>1. BACTERIAL AEROBIC CULTURE and/or FUNGAL CULTURE: Collect specimen avoiding contamination by oropharyngeal flora.</p> <p>2. Place aspirate in sputum trap or sterile container.</p> <p>3. Label sample noting the sample source.</p> <p>Reference Range: Normal Respiratory Flora</p> <p>Rejection Criteria:</p> <p>*Sources other than sputum or tracheal aspirate</p> <p>*Gram stain shows ≥ 10 squamous epithelial cells/low power field for sputum cultures</p> <p>*Improper specimen collection, storage, and transport</p> <p>*≥ 2 cultures in 24 hours</p>	Store and transport refrigerated up to 24 hours	Routine Routine Routine	72 72 72	Hours Hours Hours	GUTHRIE CLINIC LAB	1	STERILE CONTAINER

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STAPH AUREUS SCREEN BY PCR	<p>NOTE: COPAN DOUBLE SWABS with the red/orange label are the only swabs approved for testing. All other swabs (BBL) are rejected.</p> <ol style="list-style-type: none"> 1. Insert dry swabs 1-2 cm into the nostril. 2. Rotate the swab against the inside of the nostril for 3 seconds. 3. Using the same swabs, repeat for the second nostril. 4. Label sample noting site of nares/MRSA screen. <p>Reference Range: Negative Rejection Criteria: *Sources other than nasal *Swabs other than COPAN *Non-PAS patient protocol *Improper specimen collection, storage, and transport</p>	Store and transport refrigerated up to 5 days	Routine Routine Routine STAT	24 24 24 2	Hours Hours Hours Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	COPAN DOUBLE SWAB MRSA COPAN DOUBLE SWAB MRSA
STELAZINE LEVEL	Red 4 ml Clot Tube SST tubes are unacceptable	Spin and separate into plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
STONE RISK DIAGNOSTIC PROFILE	<p>Quest: Use only Quest 24-hour Urine Collection Kits specific for renal stone formation diagnosis. Follow instructions in the kit.</p> <p>LabCorp: 24 hr urine plain container. Submit entire specimen to lab</p>	<p>Quest: SPECIMEN PROCESSING : tighten the cap on the container and mix contents in the container vigorously for one minute. A good mix ensures accurate test results</p> <p>Carefully fill the two plastic white vials with urine collected in the large orange container. The two white vials must be filled within two to four hours of completion of 24-hour collection. Fill and cap vials one at a time. Cap both vials tightly, write patient's name on each vial and place in zip-lock bags provided (do not remove absorbent sheets).</p> <p>Complete the patient information section</p> <p>Place specimen in box and send to the laboratory. Store and transport refrigerated</p> <p>LabCorp: SPECIMEN PROCESSING: Measure total volume and pour 100 ml aliquots into 2 separate containers. Store and transport FROZEN.</p>	Routine	1-7	Days	LABCORP QUEST	1 1	24 HOUR URINE CONTAINER CALL LAB
STOOL CULTURE	<ol style="list-style-type: none"> 1. BACTERIAL AEROBIC: Pass stool directly into a clean, dry container. 2. Transfer the appropriate volume of stool into the Para-Pak Orange capped container. The stool volume must raise the preservative up to the RED line. 3. Mix and secure cap. 4. Label sample noting date and time of collection. 	Store and transport specimen at room temp. up to 72 hours.	Routine Routine Routine	72 72 72	Hours Hours Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1 1	ORANGE PARA PAK STERILE CONTAINER ORANGE PARA PAK STERILE CONTAINER ORANGE PARA PAK STERILE CONTAINER

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
STOOL CULTURE/SHIGA TOXIN	<p>1. BACTERIAL AEROBIC: Pass stool directly into a clean, dry container.</p> <p>2. Transfer the appropriate volume of stool into the Para-Pak Orange capped container. The stool volume must raise the preservative up to the RED line.</p> <p>3. Mix and secure cap.</p> <p>4. Label sample noting date and time of collection</p> <p>Note: if stool specimen is transported in a clean container, it must be transfered to Para-Pak Orange Capped container within 2 hours after collection.</p> <p>Reference Range: Normal Intestinal Flora. No Salmonella, Shigella, Escherichia coli 0157, or Campylobacter cultured.</p> <p>Rejection Criteria: Sources other than stool Improper specimen collection, storage, and transport Specimen from inpatients with > 3 days in hospital >= 2 specimens in 24 hours > 2 specimens over a two-three day period</p>	Store and transport specimen refrigerated up to 72 hours after collection in Para-Pak Orange Capped container.	Routine STAT	72 72	Hours Hours	GUTHRIE CLINIC LAB	1	ORANGE PARA PAK STERILE CONTAINER
STOOL FOR SHIGA-LIKE TOXINS	<p>1. BACTERIAL AEROBIC: Pass stool directly into a clean, dry container.</p> <p>2. Transfer the appropriate volume of stool into the Para-Pak Orange capped container. The stool volume must raise the preservative up to the RED line.</p> <p>3. Mix and secure cap.</p> <p>4. Label sample noting date and time of collection</p> <p>Note: if stool specimen is transported in a clean container, it must be transfered to Para-Pak Orange Capped container within 2 hours after collection.</p> <p>Reference Range: Normal Intestinal Flora. No Salmonella, Shigella, Escherichia coli 0157, or Campylobacter cultured.</p> <p>Rejection Criteria: Sources other than stool Improper specimen collection, storage, and transport Specimen from inpatients with > 3 days in hospital >= 2 specimens in 24 hours >2 specimens over a two-three day period</p>	Store and transport specimen refrigerated up to 72 hours after collection in Para-Pak Orange Capped container.	Routine STAT	72 72	Hours Hours	GUTHRIE CLINIC LAB	1	ORANGE PARA PAK STERILE CONTAINER STERILE CUP

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
STOOL FOR VIBRIO / SHIGA TOXIN	<p>1. BACTERIAL AEROBIC: Pass stool directly into a clean, dry container.</p> <p>2. Transfer the appropriate volume of stool into the Para-Pak Orange capped container. The stool volume must raise the preservative up to the RED line.</p> <p>3. Mix and secure cap.</p> <p>4. Label sample noting date and time of collection</p> <p>Note: if stool specimen is transported in a clean container, it must be transfered to Para-Pak Orange Capped container within 2 hours after collection.</p> <p>Reference Range: Normal Intestinal Flora. No Salmonella, Shigella, Escherichia coli 0157, Campylobacter, or Vibrio cultured.</p> <p>Rejection Criteria: Sources other than stool Improper specimen collection, storage, and transport Specimen from inpatients with > 3 days in hospital >= 2 specimens in 24 hours >2 specimens over a two-three day period</p>	Store and transport specimen refrigerated up to 72 hours after collection in Para-Pak Orange Capped container.	Routine STAT	72 72	Hours Hours	GUTHRIE CLINIC LAB	1	ORANGE PARA PAK STERILE CONTAINER
STOOL FOR VIBRIO CULTURE	<p>1. BACTERIAL AEROBIC: Pass stool directly into a clean, dry container.</p> <p>2. Transfer the appropriate volume of stool into the Para-Pak Orange capped container. The stool volume must raise the preservative up to the RED line.</p> <p>3. Mix and secure cap.</p> <p>4. Label sample noting date and time of collection</p> <p>Note: if stool specimen is transported in a clean container, it must be transfered to Para-Pak Orange Capped container within 2 hours after collection.</p> <p>Rejection Criteria: Sources other than stool Improper specimen collection, storage, and transport Specimen from inpatients with > 3 days in hospital >= 2 specimens in 24 hours >2 specimens over a two-three day period</p>	Store and transport specimen refrigerated up to 72 hours.	Routine Routine Routine STAT STAT STAT	72 72 72 72 72 72	Hours Hours Hours Hours Hours Hours	GUTHRIE CLINIC LAB	1	ORANGE PARA PAK STERILE CONTAINER STERILE CUP

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
STOOL FOR YERSINIA / SHIGA TOXIN	<p>1. BACTERIAL AEROBIC: Pass stool directly into a clean, dry container.</p> <p>2. Transfer the appropriate volume of stool into the Para-Pak Orange capped container. The stool volume must raise the preservative up to the RED line.</p> <p>3. Mix and secure cap.</p> <p>4. Label sample noting date and time of collection</p> <p>Note: if stool specimen is transported in a clean container, it must be transfered to Para-Pak Orange Capped container within 2 hours after collection.</p> <p>Reference Range: Normal Intestinal Flora. No Salmonella, Shigella, Escherichia coli 0157, Campylobacter, or Yersinia cultured.</p> <p>Rejection Criteria: Sources other than stool Improper specimen collection, storage, and transport Specimen from inpatients with > 3 days in hospital >= 2 specimens in 24 hours >2 specimens over a two-three day period</p>	Store and transport specimen refrigerated up to 72 hours after collection in Para-Pak Orange Capped container.	Routine STAT	72 72	Hours Hours	GUTHRIE CLINIC LAB	1	ORANGE PARA PAK
STOOL FOR YERSINIA / VIBRIO / SHIGA TOXIN	<p>1. BACTERIAL AEROBIC: Pass stool directly into a clean, dry container.</p> <p>2. Transfer the appropriate volume of stool into the Para-Pak Orange capped container. The stool volume must raise the preservative up to the RED line.</p> <p>3. Mix and secure cap.</p> <p>4. Label sample noting date and time of collection</p> <p>Note: if stool specimen is transported in a clean container, it must be transfered to Para-Pak Orange Capped container within 2 hours after collection.</p> <p>Reference Range: Normal Intestinal Flora. No Salmonella, Shigella, Escherichia coli 0157, Campylobacter, Vibrio, or Yersinia cultured.</p> <p>Rejection Criteria: Sources other than stool Improper specimen collection, storage, and transport Specimen from inpatients with > 3 days in hospital >= 2 specimens in 24 hours >2 specimens over a two-three day period</p>	Store and transport specimen refrigerated up to 72 hours after collection in Para-Pak Orange Capped container.	Routine STAT	72 72	Hours Hours	GUTHRIE CLINIC LAB	1	ORANGE PARA PAK STERILE CONTAINER

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
STOOL FOR YERSINIA / VIBRIO CULTURE	<p>1. BACTERIAL AEROBIC: Pass stool directly into a clean, dry container.</p> <p>2. Transfer the appropriate volume of stool into the Para-Pak Orange capped container. The stool volume must raise the preservative up to the RED line.</p> <p>3. Mix and secure cap.</p> <p>4. Label sample noting date and time of collection</p> <p>Note: if stool specimen is transported in a clean container, it must be transfered to Para-Pak Orange Capped container within 2 hours after collection.</p> <p>Rejection Criteria: Sources other than stool Improper specimen collection, storage, and transport Specimen from inpatients with > 3 days in hospital >= 2 specimens in 24 hours >2 specimens over a two-three day period</p>	Store and transport specimen refrigerated up to 72 hours after collection in Para-Pak Orange Capped container.	Routine STAT	72 72	Hours Hours	GUTHRIE CLINIC LAB	1	ORANGE PARA PAK STERILE CONTAINER
STOOL FOR YERSINIA CULTURE	<p>1. BACTERIAL AEROBIC: Pass stool directly into a clean, dry container.</p> <p>2. Transfer the appropriate volume of stool into the Para-Pak Orange capped container. The stool volume must raise the preservative up to the RED line.</p> <p>3. Mix and secure cap.</p> <p>4. Label sample noting date and time of collection</p> <p>Note: if stool specimen is transported in a clean container, it must be transfered to Para-Pak Orange Capped container within 2 hours after collection.</p> <p>Rejection Criteria: Sources other than stool Improper specimen collection, storage, and transport Specimen from inpatients with > 3 days in hospital >= 2 specimens in 24 hours > 2 specimens over a two-three day period</p>	Store and transport specimen refrigerated up to 72 hours after collection in Para-Pak Orange Capped container.	Routine STAT	72 72	Hours Hours	GUTHRIE CLINIC LAB	1	ORANGE PARA PAK STERILE CONTAINER
STREP A PCR ASSAY	<p>PROCEDURE:</p> <p>1. Depress tongue with depressor.</p> <p>2. Sample posterior tonsils and inflamed areas with a sterile swab. White patches in the tonsillar area are especially productive for streptococcal isolation.</p> <p>3. Return swab to container.</p> <p>4. Label container noting source of throat.</p> <p>Note: Only acceptable collection device is the E swab</p> <p>Reference range: Strep A not detected</p> <p>Rejection Criteria: Wrong swab, received frozen, received in viral transport device, improper specimen collection, storage, and transport</p>	<= 48 hours, refrigerated or room temperature	STAT Routine	1 24	Hours Hours	GUTHRIE CLINIC LAB	1	ESwab Regular Collection Kit

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
STREP A SCREEN, PERIANAL SWAB	1. Carefully insert a swab 1 inch beyond the anal sphincter. 2. Gently rotate the swab to sample the anal crypts. Reference Range: No group A beta streptococci Rejection criteria: Sources other than perianal Improper specimen collection, storage, and transport	Refrigerate (4-8°C) or RT (20-25°C) <= 48 hours	Routine Routine Routine	72 72 72	Hours Hours Hours	GUTHRIE CLINIC LAB	1	ESwab Regular Collection Kit
STREP PNEUMONIAE URINE ANTIGEN	1. Pass >1ml of urine into a sterile container or urine transport kit. 2. Label sample noting source of urine. Can submit in grey urine tube for transport. Reference Range: Negative Rejection Criteria: Sources other than urine Improper specimen collection, storage, and transport	Store specimen up to 14 days in the refrigerator or up to 24 hours at room temp.	Routine STAT Routine STAT Routine STAT	24 2 24 45 24 45	Hours Hours Hours Minutes Hours Minutes	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1	STERILE CONTAINER STERILE CUP STERILE CONTAINER STERILE CUP STERILE CONTAINER STERILE CUP
STREPTOMYCIN LEVEL, SERUM	Red 4 ml Clot Tube SST tubes are unacceptable NY specimen testing is not available at Quest laboratory	Spin and separate into plastic vial. FREEZE immediately. Transport FROZEN sample from regional office on dry ice	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
STREPTOZYME HA	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
STRIATED MUSCLE ANTIBODY WITH REFLEX TITER	Gold 5 ml SST When the anti-skeletal muscle is positive a titer is performed automatically. Minimum sample: 0.5 ml serum Quest; preferred specimen 0.5 mL Minimum volume 0.1 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
STUDY KIT COMPLEX	Collect and process according to kit instructions.	Follow kit instructions	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	OTHER
STUDY KIT SIMPLE	Collect and process according to kit instructions.	Follow kit instructions	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	OTHER
SUDAN STAIN	Clean Cup, no preservative. Collect a stool sample. FREEZE A separate stool container is required for each FROZEN stool test	Store and transport FROZEN sample on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CUP STERILE CUP
SULFONAMIDES	Red 4 ml Clot Tube	Spin and separate into a plastic vial. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
T & B LYMPHOCYTE SUBSETS	<p>Collect: 2 TUBES TOTAL: One Lavender EDTA AND One Green ml Sodium Heparin (NO Gel) SST tubes are UNACCEPTABLE REGIONAL OFFICES, test available Monday-Thurs PRIOR TO COURIER PICK UP EACH DAY SAYRE, test available Monday-Thursday. Friday samples must be collected before 11:00AM.</p> <p>This test is ordered for the initial workup on immune compromised patients As defined by NY State, this test is designed for CD4 quantification for the purpose of HIV treatment and may be inappropriate for the evaluation of other immunodeficiencies. Methodology is Immunophenotyping Estimated Turn around Time is 24-48 hours after received in Flow Cytometry Department</p> <p>Stability: Samples need to be tested within 48 hours of collection. It is recommended that samples not be drawn after the courier pick up each day Monday through Thursday.</p>	Two peripheral blood smears made from the Lavender tube are required. See blood smear preparation. Do not spin or separate either test tube. Store and transport at ROOM TEMPERATURE (18-24 C)	Routine STAT	48 48	Hours Hours	GUTHRIE CLINIC LAB	2	LAV/GREEN NAHEP
T & B LYMPHOCYTE SUBSETS (REF LAB)	<p>Quest: Collect 2 Lavender EDTA Labcorp: Collect 1 Lavender EDTA and 1 Yellow ACD REGIONAL OFFICES, test available Monday-Thurs PRIOR TO COURIER PICK UP EACH DAY SAYRE, test available Monday-Thursday. Friday samples must be collected before the reference lab courier pickup.</p> <p>REGIONAL OFFICES, test available Monday-Thurs PRIOR TO COURIER PICK UP EACH DAY SAYRE, test available Monday-Thursday. Friday samples must be collected before Quest courier pickup.</p> <p>Stability: 48 - 72 hours at room temperature</p>	Do not spin or separate. Store and transport at ROOM TEMPERATURE (18-24 C)	Routine	1-7	Days	LABCORP QUEST	2 2	OTHER LAVENDAR EDTA

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
T LYMPHOCYTE SUBSETS	Collect: 2 TUBES TOTAL: One Lavender EDTA AND One Green Sodium Heparin (NO Gel) SST tubes are UNACCEPTABLE REGIONAL OFFICES, test available Monday-Thurs PRIOR TO COURIER PICK UP EACH DAY SAYRE, test available Monday-Thursday. Friday samples must be collected before 11:00AM. This test is ordered to track immune compromised patients after the T&B Lymphocyte Subset Eval. Initial is complete As defined by NY State, this test is designed for CD4 quantification for the purpose of HIV treatment and may be inappropriate for the evaluation of other immunodeficiencies. Methodology is Immunophenotyping Estimated Turn around Time is 24-48 hours after received in Flow Cytometry Department Stability: Samples need to be tested within 48 hours of collection. It is recommended that samples not be drawn after the courier pick up each day Monday through Thursday.	Two peripheral blood smears made from the Lavender tube are required. See blood smear preparation. Do not spin or separate either test tube. Store and transport at ROOM TEMPERATURE (18-24 C)	Routine STAT	48 48	Hours Hours	GUTHRIE CLINIC LAB	2	LAV/GREEN NAHEP
T LYMPHOCYTE SUBSETS (REF LAB)	Quest: Collect 2 Lavender EDTA and 1 Yellow ACD REGIONAL OFFICES, test available Monday-Thurs PRIOR TO COURIER PICK UP EACH DAY SAYRE, test available Monday-Thursday. Friday samples must be collected before the reference lab courier pickup.	Do not spin or separate. Store and transport at ROOM TEMPERATURE (18-24 C)	Routine	1-7	Days	LABCORP QUEST	2 2	OTHER LAVENDAR EDTA
T3 (THYROID HORMONE)	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GOLD GREEN LIHEP PST RED
T3 FREE	Gold 4.5 ml SST	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GOLD
T3 FREE (REFERENCE LAB)	Gold 4.5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
T3 REVERSE	Quest; plain red tube Preferred specimen 0.5 mL Minimum volume 0.3 mL Lab Corp; Gold 5 ml SST Preferred specimen 1.0 mL Minimum volume 0.6 mL	Quest; spin and separate. Store and transport refrigerated. Lab Corp; Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD RED
T3 UPTAKE/TBG ASSESSMENT	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
T3, FREE, TRACER DIALYSIS	Gold 5ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
T4 FREE	Sayre/Corning/Troy: Gold 5 ml SST Towanda: Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GOLD GOLD GOLD GREEN LIHEP PST GOLD RED GREEN LITHIUM HEPARIN

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T4 TOTAL	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GOLD GREEN LIHEP PST RED RED 5 ML
T4, FREE, DIRECT EQUIL DIALYSIS	Gold 5ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
TAY SACHS MUTATION	2 Lavender EDTA A signed informed consent form is required to perform testing	Do not spin or separate. Whole blood required. Store and transport at ROOM TEMPERATURE.	Routine	1-7	Days	LABCORP QUEST	2 2	LAVENDAR EDTA LAVENDAR EDTA
TCR GAMMA GENE REARRANGEMENT	2 Lavender 3 ml EDTA	Do not spin or separate. Whole blood required. Store and transport refrigerated. Bone marrow or tissue samples are also acceptable.	Routine	1-7	Days	LABCORP QUEST	2 2	LAVENDAR EDTA LAVENDAR EDTA
TEICHOIC ACID ANTIBODY	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated. If screen is positive a titer will be ordered automatically.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
TESTOSTERONE	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	2 1	Hours Days	GUTHRIE CLINIC LAB	1	GREEN LIHEP PST GOLD
TESTOSTERONE (REF LAB)	Quest: Red top tube Preferred specimen 0.5 mL Minimum volume 0.2 mL Labcorp: Gold tube	Quest: Spin and separate into a plastic vial. Store and transport refrigerated. Labcorp: Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD RED RED
TESTOSTERONE, FREE (WEAKLY BOUND)	Red Clot Tube Quest; preferred specimen 2.8 mL Minimum volume 1.3 mL	Spin and separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
TESTOSTERONE, TOTAL AND FREE	Red 4 ml tube Quest; preferred specimen 0.9 mL Minimum volume 0.4 mL	Spin and separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
TETANUS TOXOID, IGG	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.3 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
THALLIUM, 24 HOUR URINE	24 Hour Urine Container Acid Washed Preferred specimen 7 mL Minimum volume 3 mL	Store and transport sample refrigerated. Send entire container to the lab.	Routine	1-7	Days	QUEST	1	ACID WASHED URINE CONTAINER
THALLIUM, BLOOD	Royal Dark Blue 6 ml EDTA Trace Metal	Do NOT spin or separate. Whole blood required. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	ROYAL BLUE EDTA WHOLE BLD ROYAL BLUE EDTA WHOLE BLD
THALLIUM, URINE	50 ml Acid Washed Container for Random Urine Preferred specimen 7 mL Minimum volume 3 mL	Store and transport sample refrigerated. Send entire container to the lab.	Routine	1-7	Days	QUEST	1	ACID WASHED URINE CONTAINER
THALLIUM, URINE (LC)	Random Urine or 24 Hour Urine Container Acid Washed Preferred specimen 5 mL Minimum volume 1.5 mL	Store and transport sample refrigerated. Send entire container to the lab.	Routine	1-7	Days	LABCORP	1	24 HR URINE CONTAINER ACID WASHED ACID WASHED URINE CONTAINER
THEOPHYLLINE	Red 4 ml	Spin and separate into separate vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	GUTHRIE CLINIC LAB TROY HOSPITAL LAB	1 1	RED RED 5 ML RED RED 5 ML

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THIOCYANATE, SERUM	Red 4 ml Clot Tube	Avoid hemolysis. Spin and separate into plastic vial. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
THIOPURINE METABOLITES	2 Lavender 3 ml EDTA Collect trough specimen one hour before next dose Quest; preferred specimen 5 mL Minimum volume 2.5 mL	Do not spin or separate. Whole blood required. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	2 2	LAVENDAR EDTA LAVENDAR EDTA
THIORIDAZINE, QUANTITATIVE	Red 4 ml Clot Tube	Spin and separate into plastic vial. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
THIOTHIXENE, SERUM	2 10ml Red Top Clot Tube	Spin and separate into plastic vial. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	2 2	RED RED
THROAT / NASOPHARYNX CULTURE	<p>Collection Requirements: Because the agents of disease have specific culture and detection requirements, a routine culture is rarely indicated. In most cases, providers should request the appropriate test to identify specific pathogens, such as BORDETELLA PERTUSSIS CULTURE, THROAT STREP A CULTURE, etc.</p> <p>NASOPHARYNX 1. Gently insert a mini tip swab into the posterior nasopharynx via the nose. 2. Rotate the swab slowly for 3 – 5 s to absorb secretions. 3. Remove the swab and place in transport media.</p> <p>THROAT: 1. Depress tongue with depressor. 2. Sample posterior tonsils and inflamed areas with a sterile swab. White patches in the tonsillar area are especially productive for streptococcal isolation. 3. Return swab to container. 4. Label container noting source of throat.</p> <p>Reference range: Normal Respiratory Flora.</p> <p>Rejection Criteria: Improper specimen collection, storage, and transport</p>	Refrigerate (4-8°C) or RT (20-25°C) <= 48 hours	Routine Routine Routine	72 72 72	Hours Hours Hours	GUTHRIE CLINIC LAB	1	ESwab Regular Collection Kit ESwab Minitip Collection Kit

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
THROAT STREP A CULTURE	<p>PROCEDURE:</p> <ol style="list-style-type: none"> 1. Depress tongue with depressor. 2. Sample posterior tonsils and inflamed areas with a sterile swab. White patches in the tonsillar area are especially productive for streptococcal isolation. 3. Return swab to container. 4. Label container noting source of throat. <p>Reference range: No pathogenic beta hemolytic streptococci cultured</p> <p>Rejection Criteria:</p> <ul style="list-style-type: none"> *Sources other than throat *Improper specimen collection, storage, and transport 	Refrigerate (4-8°C) or RT (20-25°C) <= 48 hours	Routine	72	Hours	GUTHRIE CLINIC LAB	1	ESwab Regular Collection Kit SWAB, CULTURETTE 11 DUAL
THROMBIN	<p>Blue Citrate 2.7 ml</p> <p>Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times.</p>	<p>Separate and ship Frozen</p> <p>Samples are kept at room temperature and centrifuged to obtain platelet poor plasma within four hours of collection. The centrifuged sample must be tested within 4 hours of collection. If testing is delayed more than 4 hours, separate the platelet poor plasma into a labeled polypropylene tube and freeze. Spin time to obtain platelet poor plasma depends on the centrifuge speed.</p> <p>RPM Spin Time for PPP</p> <p>2500 - 3500 15 minutes</p> <p>3600 10 minutes</p> <p>5100 5 minutes</p> <p>5100 - 7100 3 minutes</p>	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	BLUE CITRATE 2.7 ML
THROMBIN (REF LAB)	<p>Blue Citrate 2.7 ml</p> <p>Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times.</p>	<p>Separate and ship Frozen</p> <p>Centrifuge immediately 1500g for 10 minutes. Pipette the platelet poor plasma into clean, plastic screw-cap vial and freeze immediately. Spin time to obtain platelet poor plasma depends on the centrifuge speed.</p> <p>RPM Spin Time for PPP</p> <p>2500 - 3500 15 minutes</p> <p>3600 10 minutes</p> <p>4000 6 minutes</p> <p>5100 - 7100 3 minutes</p>	Routine	1-7	Days	LABCORP QUEST	1 1	BLUE CITRATE 2.7 ML BLUE CITRATE 2.7 ML
THYROGLOBULIN ABS	<p>Gold 5 ml SST</p> <p>Quest; preferred specimen 1 mL</p> <p>Minimum volume 0.5 mL</p>	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD

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THYROGLOBULIN PANEL	Quest: Gold SST. Spin and do not separate. Labcorp: 2 Red top tubes - spin and separate into 2 plastic transport tubes (1.5 ml min in each tube) Quest; preferred specimen 2 mL Minimum volume 1 mL	Store and transport refrigerated	Routine	1	Weeks	LABCORP QUEST	2 1	RED GOLD GOLD RED
THYROGLOBULIN WITHOUT ANTIBODIES	Gold 5 ml SST Quest; preferred specimen 2 mL Minimum volume 1 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
THYROID ANTIBODY PANEL	Gold 5 ml SST Quest; preferred specimen 2 mL Minimum volume 1 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
THYROID PEROXIDASE AB	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
THYROID STIMULATING HORMONE	Green Lithium Heparin PST Gold Also Acceptable	{\rtf1\ansi\deflang1033\ftnbj{\fonttbl{\f0\modern\charset0 Arial;}}\plain\fs20 Spin and do not separate. Store and transport refrigerated.\par }	Routine	1-7	Days	CORNING HOSPITAL LAB TROY HOSPITAL LAB GUTHRIE CLINIC LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GOLD RED GOLD GREEN LIHEP PST RED GREEN LIHEP PST GOLD RED GREEN LITHIUM HEPARIN
THYROID STIMULATING HORMONE (REF LAB)	Gold SST Patient Preparation Specimen collection after fluorescein dye angiography should be delayed for at least 3 days. For patients on hemodialysis, specimen collection should be delayed for 2 weeks. According to the assay manufacturer Siemens: "Samples containing fluorescein can produce falsely depressed values when tested with the Advia Centaur TSH3 Ultra assay."	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
THYROID STIMULATING IMMUNOGLOBULIN	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.2 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
THYROTROPIN-BINDING INHIBITORY IMMUNOGLOBULIN	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
THYROXINE BINDING GLOBULIN	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
TICK FOR LYME DISEASE	Sterile Container	<p>PROCEDURE:</p> <p>1. Carefully remove tick. DO NOT USE tape for insect removal. This inhibits proper identification and specimens submitted on tape are REJECTED.</p> <p>2. Place the tick in a clean specimen container. Alcohol is added at the Sayre lab processing area due to differing reference lab requirements. (Quest requires that 70% alcohol is added while LabCorp rejects samples received in 70% alcohol).</p> <p>3. Secure lid and label the body of the container</p> <p>4. Store specimen at room temperature up to 14 days.</p>	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER
Tick-borne Disease, Acute Molecular Panel	<p>Lavender EDTA tube</p> <p>Minimum volume: 1.5 ml</p> <p>Quest; preferred specimen 3 mL</p> <p>This test includes Anaplasma phagocytophilum DNA, Babesia microti DNA, Borrelia miyamotoi DNA, Ehrlichia chaffeensis DNA and Lyme disease DNA testing.</p>	Do not spin or separate. Store and transport refrigerated	Routine	5	Days	QUEST	1	LAVENDAR EDTA
TISSUE CULTURE (AER/ANA) C&S	<p>1. BACTERIAL AEROBIC and FUNGAL CULTURES: Sample must be submitted in a sterile container. Add several drops of sterile saline to small samples to keep them moist.</p> <p>2. BACTERIAL ANAEROBIC CULTURE: Place tissue in an anaerobic transport system (gray cap). Take note of kit expiration date. If the indicator pad is pink, do not use.</p>	Store and transport at room temp up to 24 hours.	Routine Routine Routine	5 5 5	Days Days Days	GUTHRIE CLINIC LAB	1	STERILE CONTAINER
TISSUE CULTURE W/GS	<p>Collection Requirements:</p> <p>1. Always submit as much tissue as possible in a sterile container.</p> <p>2. For small samples, add several drops of sterile saline to keep moist.</p> <p>3. Do not allow tissue to dry out.</p> <p>4. Place in a sterile, moist gauze in a small capped sterile container.</p> <p>Reference range: No growth anaerobic/aerobic</p> <p>Rejection Criteria: Improper specimen collection, storage, and transport</p>	If using ESwab refrigerate (4-8°C) or RT (20-25°C) <=48hrs, otherwise RT <=24hours	Routine	5	Days	GUTHRIE CLINIC LAB	1	ESwab Regular Collection Kit STERILE CONTAINER STERILE CUP

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TOBRAMYCIN PEAK	Red 4 ml Draw one hour after intramuscular dose or 30 minutes after the completion of a 30 minute intravenous infusion	Spin and separate into separate vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	RED RED 5 ML
TOBRAMYCIN PEAK (REF LAB)	Red 4 ml Draw one hour after intramuscular dose or 30 minutes after the completion of a 30 minute intravenous infusion	Spin and separate into separate vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
TOBRAMYCIN RANDOM	Red 4 ml	Spin and separate into separate vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	RED RED 5 ML
TOBRAMYCIN RANDOM (QUEST)	Red top tube	Spin and separate into separate vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	QUEST	1	RED RED 5 ML
TOBRAMYCIN TROUGH	Red 4 ml Draw just before next dose.	Spin and separate into separate vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	RED RED 5 ML
TOBRAMYCIN TROUGH (REF LAB)	Red top tube - Draw just before next dose.	Spin and separate into separate vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
TOCAINIDE	Red 4 ml Clot Tube SST tubes are unacceptable	Spin and separate into plastic vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
TOPIRAMATE LEVEL	Red 4 ml Clot Tube Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and separate into plastic vial. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
TOTAL HGB RPH/TCH (PULM)	Collect in heparinized syringe.	Transport in a biohazard bag at room temperature	Routine	1-7	Days	RPH RT LAB TCH RT LAB	1 1	STERILE SYRINGE STERILE SYRINGE
TOTAL PROTEIN 24 HOUR URINE	24 Hour Urine Plain Container	Transport entire container to lab. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	24 HOUR URINE CONTAINER 24 HOUR URINE CONTAINER
TOTAL PROTEIN 24 HOUR URINE (OB)	24 Hour Urine Plain Container	Transport entire container to lab. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	24 HOUR URINE CONTAINER 24 HOUR URINE CONTAINER
TOTAL PROTEIN 24 HR (REF LAB)	24 Hour Urine Plain Container Quest; preferred specimen 10 mL Minimum volume 2 mL	Transport entire container to lab. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	24 HOUR URINE CONTAINER 24 HOUR URINE CONTAINER
TOTAL PROTEIN RANDOM URINE (REF LAB)	Sayre and Troy- Collect Urine in sterile container and transfer to yellow urine tube. Corning- Sterile container	Transfer to 10ml urine tube for transport. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	YELLOW URINE CONICAL TUBE STERILE CONTAINER YELLOW URINE CONICAL TUBE STERILE CONTAINER

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TOTAL PROTEIN, RANDOM URINE	Sayre, Towanda and Troy- Collect Urine in sterile container and transfer to yellow urine tube. Corning - Sterile container.	Transfer to 10ml urine tube for transport. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	YELLOW URINE CONICAL TUBE STERILE CONTAINER STERILE CUP STERILE CUP STERILE CONTAINER
TOXOCARA ANTIBODY	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
TOXOPLASMA (IGG,IGM) ANTIBODY	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.6 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	QUEST	1	GOLD
TOXOPLASMA AB, IGG (LC)	Gold 5 ml SST Preferred specimen 0.5 mL Minimum volume 0.2 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP	1	GOLD RED SST 8.5 ML RED RED TOP - PLAIN RED 5 ML RED
TOXOPLASMA AB, IGM (LC)	Gold 5 ml SST Preferred specimen 0.5 mL Minimum volume 0.2 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP	1	GOLD
TOXOPLASMA IGG ANTIBODY (QST)	Gold 5 ml SST Preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated. If screen is positive a titer will be ordered automatically.	Routine	1-7	Days	QUEST	1	GOLD RED
TPMT ENZYME (PHENOTYPE)	2 Lavender 3 ml EDTA Labcorp: Green sodium heparin also acceptable Quest; preferred specimen 8 mL Minimum volume 4 mL	Do not spin or separate. Whole blood required. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	2 2	LAVENDAR EDTA GREEN NA HEPARIN LAVENDAR EDTA
TPMT GENETICS (GENOTOYPE)	2 Lavender 3 ml EDTA A signed informed consent is required to perform testing Quest; preferred specimen 5 mL Minimum volume 3 mL	Do not spin or separate. Whole blood required. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	2 2	LAVENDAR EDTA LAVENDAR EDTA
TRANSFERRIN	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
TRANSFUSION REACTION WORKUP	Pink 6ml EDTA preferred Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Store and ship at room temperature or refrigerated up to 72 hours	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1 1	PINK EDTA PINK EDTA PINK EDTA
TRANSFUSION REACTION WORKUP	Pink 6ml EDTA preferred Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Store and ship at room temp.	Routine	1-7	Days	GCL BLOOD BANK CH BLOOD BANK TCH BLOOD BANK TMH BLOOD BANK	1 1 1 1	PINK EDTA PINK EDTA PINK EDTA PINK EDTA
TRANSGLUTAMINASE ANTIBODY	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
TRANSGLUTAMINASE IGG ANTIBODY	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
TRANXENE LEVEL	Red 4 ml Clot Tube	Spin and separate into plastic vial. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED

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TRAZODONE LEVEL	Red 10 ml Clot Tube	Spin and separate into plastic vial. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
TRICHINOSIS ANTIBODY	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
TRICHOMONAS VAGINALIS DNA PROBE	PROCEDURE: 1. Visualize the posterior vaginal fornix. Remove excessive discharge. 2. Collect vaginal fluid using Collection-Eze swab. Roll the swab against the vaginal wall 2-3 times. Swab the lateral vaginal wall while removing the swab. 3. Immediately place the swab into specimen tube. With the swab touching the bottom of the tube, break off swab handle and cap tube. 4. Label specimen, noting source of vagina.	Store in the refrigerator up to 72 hours. Test performed daily. Allow 24-72 hours for final results. Rejection Criteria: * Refrigerated specimen received greater than 72 hours * Specimen collected on swabs other than MML transport swabs * Specimen source other than vaginal * Specimens collected on girls age 12 or under	Routine Routine Routine	72 72 72	Hours Hours Hours	GUTHRIE CLINIC LAB	1	AMIES MEDIA WITH CHARCOAL (BLUE TOP)
TRICHOMONAS VAGINALIS RNA, MALES BY URINE	Male urine: The patient should not have urinated for at least one hour prior to specimen collection. Patient to provide a first-catch urine (approximately 20-30 mL of the initial urine stream) into a urine collection cup free of any preservatives. Collection of larger volumes of urine may result in specimen dilution that may reduce test sensitivity. 2 mL of urine specimen must be transferred into the Gen-Probe APTIMA® Urine transport tube as soon as possible or within 24 hours of collection and before being assayed. Urine specimens must be refrigerated pending transfer into APTIMA® transport medium.	Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER STERILE CUP
TRIGLYCERIDES	Green Lithium Heparin PST PATIENT PREPARATION: Preferred specimen collection is after patient has fasted 12 hours.	Spin and do not separate. Store and transport refrigerated.	STAT Routine	24 24	Hours Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
TRIGLYCERIDES BODY FLUID	1 mL pleural or peritoneal fluid in a sterile transport tube. List specimen SOURCE on the container. Minimum volume 0.4 mL Send to Quest Diagnostics 17591 - Peritoneal Fluid 17592 - Pleural Fluid	Store and transport refrigerated.	Routine	4	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	STERILE CONTAINER STERILE CONTAINER STERILE CONTAINER STERILE CONTAINER
TRIMETHADIONE AND METABOLITE	Red 4 ml Clot Tube	Spin and separate into plastic vial. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
TRIMIPRAMINE LEVEL	Red 10 ml Clot Tube	Spin and separate into a plastic vial. FREEZE. Transport FROZEN sample from regional office on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED

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TROPONIN	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine Routine	45 24 4	Minutes Hours Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
TROPONIN (POCT)			Routine		Days	POINT OF CARE TESTING POCT TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1	CONTAINER NOT NEEDED GREEN LIHEP PST GREEN LIHEP PST
TRYPsin, SERUM	Gold tube 1 ml serum preferred Minimum 0.5 mL	Spin and separate into a plastic vial. Store and transport FROZEN.	Routine	10	Days	LABCORP QUEST	1 1	GOLD GOLD
TRYPTASE	Red 4 ml Clot Tube Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Centrifuge and separate serum into a plastic screw-cap vial. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
TRYPTOPHAN	Green 10 ml Sodium Heparin PATIENT PREPARATION: Specimen should be collected after an overnight fast (or at least 4 hours after a meal). Non-fasting specimens are acceptable for pediatric patients. Quest; preferred specimen 2 mL Minimum volume .25 mL	Spin and separate serum from cells as soon as possible after collection. Quest: Store and transport refrigerated Labcorp: FREEZE within 2 hours. Store and transport on dry ice	Routine	1-7	Days	LABCORP QUEST	1 1	GREEN NA HEPARIN GREEN NA HEPARIN
T-SPOT	Green LiHep tube NO GEL NaHep GREEN TOP TUBE -6 ml whole blood is also acceptable Collect Monday - Friday only - No Regional office collections. Specimen must be received in the Sayre lab by 3:00 pm, at Corning Hospital or Towanda Hospital lab by 2:00 pm, or at Troy Hospital lab by 11:00 am.	Do not spin or separate - whole blood required Ship via FedEx to Oxford labs in Oxford supplied container	Routine	1-7	Days	REFERENCE LAB GENERIC	1	GREEN TOP-LIHEP (NON-GEL) GREEN TOP- NAHEP
TT MIX+TTN (REFLEX)	Labcorp reflex test only. See Lupus (Ref Lab) for specimen requirements	Reflex test only	Routine	1-7	Days			
TULAREMIA ANTIBODY	Gold 5 ml SST	Quest: Spin and do not separate. Store and transport refrigerated Labcorp: Spin and transfer into plastic vial. Store and transport frozen	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
TYPE AND CROSSMATCH	Pink 6ml EDTA preferred Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Store and ship at room temperature or refrigerated up to 72 hours	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1 1	PINK EDTA PINK EDTA PINK EDTA
TYPE AND SCREEN	Pink 6ml EDTA preferred Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Store and ship at room temperature or refrigerated up to 72 hours	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1 1	PINK EDTA PINK EDTA PINK EDTA
TYPE AND SCREEN	Pink 6ml EDTA preferred Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Store and ship at room temperature or refrigerated up to 72 hours	Routine	1-7	Days	GCL BLOOD BANK CH BLOOD BANK TCH BLOOD BANK TMH BLOOD BANK	1 1 1 1	PINK EDTA PINK EDTA PINK EDTA PINK EDTA
TYPE AND SCREEN (PRENATAL)	Pink 6ml EDTA preferred Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Store and ship at room temperature or refrigerated up to 72 hours	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1 1	PINK EDTA PINK EDTA PINK EDTA
TYPHUS FEVER ANTIBODIES (IGG, IGM) W/ REFLEX	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD

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TYROSINE	Green 10 ml Sodium Heparin	Spin and separate into plastic vial. FREEZE. Transport frozen sample on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	GREEN NA HEPARIN GREEN NA HEPARIN
UREA NITROGEN, 24 HOUR URINE	24 Hour Urine Plain Container	Transport entire container to lab. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	24 HOUR URINE CONTAINER 24 HOUR URINE CONTAINER
UREA NITROGEN, URINE	Sayre and Troy- Collect Urine in sterile container and transfer to yellow urine tube. Corning- Sterile container.	Transfer to 10ml urine tube for transport. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	YELLOW URINE CONICAL TUBE STERILE CONTAINER STERILE CUP STERILE CUP STERILE CONTAINER
URIC ACID	Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
URIC ACID RASBURICASE	Green Lithium Heparin PST Must be transported to Lab ASAP. Blood is be collected in pre-chilled (lithium) heparinized tubes, immersed immediately in an ice water bath, spun in a pre-cooled (4°C) centrifuge (if possible), and analyzed for uric acid within four hours of collection.	Spin and do not separate.	STAT	45	Minutes	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1 1	GREEN LIHEP PST GREEN LIHEP PST GREEN LIHEP PST
URIC ACID, URINE, 24 HOUR	24 Hour Urine Plain Container	Transport entire container to lab. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	24 HOUR URINE CONTAINER
URIC ACID, URINE, 24 HOUR (REF LAB)	24 Hour Urine Plain Container	Transport entire container to lab. Store and transport refrigerated	Routine	3	Days	LABCORP QUEST	1 1	24 HOUR URINE CONTAINER 24 HOUR URINE CONTAINER
URINALYSIS	Urine Container Random Mid-stream clean catch preferred to minimize contaminants	Transfer to 10 ml urine tube for transport. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	2 1 2 3	YELLOW URINE CONICAL TUBE or STERILE CONTAINER
URINALYSIS WITH REFLEX CULTURE	Urine Container Random. Sayre/Troy transfer to yellow Urine tube and Grey tube and submit both.	UNPRESERVED URINE (urine collected in a sterile container or yellow urine test tube) can be stored in the refrigerator up to 24 hours. PRESERVED URINE (urine that has been transferred into a C&S preserved, gray test tube) can be stored at room temp. up to 48 hours.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	2 1 2 3	STERILE CONTAINER YELLOW URINE CONICAL TUBE & GRAY URINE C&S TUBE.
URINE CLINITEST	Inactivated due to reagent unavailability Urine Container Random. Sayre/Troy transfer to yellow Urine tube	Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB TROY HOSPITAL LAB CORNING HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	YELLOW URINE CONICAL TUBE or STERILE CONTAINER

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URINE CULTURE	<p>FEMALE MIDSTREAM URINE COLLECTION (bacterial aerobic and fungal cultures):</p> <ol style="list-style-type: none"> 1. Thoroughly cleanse the urethral area with a towelette. 2. While holding the labia apart, begin voiding. 3. After several milliliters have been passed, collect a midstream portion of urine without stopping the flow of urine. 4. Using urine transfer straw kit, transfer urine into a preserved, gray top test tube.PRESERVED urine samples are stable up to 48 hours at room temperature. 5. Label sample noting source of urine. 6. If less than 3ml of urine is collected, DO NOT DISCARD. Store and transport the specimen refrigerated in an UNPRESERVED sterile container <p>MALE MIDSTREAM URINE COLLECTION (bacterial aerobic and fungal cultures):</p> <ol style="list-style-type: none"> 1. Cleanse the glans with a towelette. 2. Holding the foreskin restricted, begin voiding. 3. After several mls have passed, collect a midstream portion without stopping the flow of urine. 4. Using urine transfer straw kit, transfer urine into a preserved, gray top test tube..PRESERVED urine samples are stable up to 48 hours at room temperature. 5. Label sample noting source of urine. 6. If less than 3ml of urine is collected, DO NOT DISCARD. Store and transport the specimen refrigerated in an UNPRESERVED sterile container. 	UNPRESERVED:Refrigerate if specimen cannot be transported to the Microbiology Laboratory immediately(<1 hour). Specimen good for 24 hrs of collection if refrigerated PRESERVED urine (urine that has been transferred into a C&S preserved, gray topped test tube) can be stored at room temp up to 48 hours.	Routine STAT	72 72	Hours Hours	GUTHRIE CLINIC LAB	1	STERILE CONTAINER STERILE CUP GRAY URINE C&S TUBE 3ML
URINE CULTURE W/GRAM STAIN (C&S)	<p>FEMALE MIDSTREAM URINE COLLECTION (bacterial aerobic and fungal cultures):</p> <ol style="list-style-type: none"> 1. Thoroughly cleanse the urethral area with a towelette. 2. While holding the labia apart, begin voiding. 3. After several milliliters have been passed, collect a midstream portion of urine without stopping the flow of urine. 4. Using urine transfer straw kit, transfer urine into a preserved, gray top test tube.PRESERVED urine samples are stable up to 48 hours at room temperature. 5. Label sample noting source of urine. 6. If less than 3ml of urine is collected, DO NOT DISCARD. Store and transport the specimen refrigerated in an UNPRESERVED sterile container <p>MALE MIDSTREAM URINE COLLECTION (bacterial aerobic and fungal cultures):</p> <ol style="list-style-type: none"> 1. Cleanse the glans with a towelette. 2. Holding the foreskin restricted, begin voiding. 3. After several mls have passed, collect a midstream portion without stopping the flow of urine. 4. Using urine transfer straw kit, transfer urine into a preserved, gray top test tube..PRESERVED urine samples are stable up to 48 hours at room temperature. 5. Label sample noting source of urine. 6. If less than 3ml of urine is collected, DO NOT DISCARD. Store and transport the specimen refrigerated in an UNPRESERVED sterile container. 	UNPRESERVED:Refrigerate if specimen cannot be tested immediately. Specimen good for 24 hrs of collection if refrigerated PRESERVED urine (urine that has been transferred into a C&S preserved, gray topped test tube) can be stored at room temp up to 48 hours.	Routine Routine Routine	72 72 72	Hours Hours Hours	GUTHRIE CLINIC LAB	1	STERILE CONTAINER STERILE CUP GRAY URINE C&S TUBE 3ML

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URINE DRUG SCREEN 12	Collect 10-20 ml of urine into a sterile container. Both the needled and/or needleless urine containers are acceptable for collecting a urine drug screen. Urine Container Random	Transfer 8 ml of urine into a labeled, yellow top urine test tube. Store and transport refrigerated. Sample is stable up to 72 hours refrigerated. Note: Tests include: marijuana, amphetamines, barbituates, cocaine, PCP, opiates, benzodiazepine, oxycodone, propoxyphene, ticyclic antidepressants, methamphetamine, and methadone. This is a qualitative test listing positive and negative test results.	Routine	1-7	Days	GUTHRIE CLINIC LAB TROY HOSPITAL LAB	1 1	STERILE CUP STERILE CONTAINER YELLOW URINE CONICAL TUBE STERILE CUP STERILE CONTAINER YELLOW URINE CONICAL TUBE
URINE DRUG SCREEN CH	Collect 10-20 ml of urine into a sterile container. Both the needled and/or needleless urine containers are acceptable for collecting a urine drug screen.	UNPRESERVED URINE (urine collected in a sterile container or yellow urine test tube) can be stored in the refrigerator up to 24 hours. PRESERVED URINE (urine that has been transferred into a C&S preserved, gray test tube) can be stored at room temp. up to 48 hours.	Routine	1-7	Days	CORNING HOSPITAL LAB	1	STERILE CONTAINER STERILE CUP
URINE MICROSCOPIC	Urine Container Random Mid-stream clean catch preferred to minimize contaminants	UNPRESERVED URINE (urine collected in a sterile container or yellow urine test tube) can be stored in the refrigerator up to 24 hours. PRESERVED URINE (urine that has been transferred into a C&S preserved, gray test tube) can be stored at room temp. up to 48 hours.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	2 1 2 1	STERILE CONTAINER YELLOW URINE CONICAL TUBE & GRAY URINE C&S TUBE.
URINE MICROSCOPIC WITH REFLEX CULTURE	Yellow AND Grey urine tubes Urine Container Random THIS TEST IS OFFERED FOR OFFICES THAT PERFORM THEIR OWN URINE DIPSTICK TESTING Submit in yellow urine tube AND grey urine tube. 1. Collect a clean catch urine sample. See and culture, urine for clean catch urine procedure. 2. Perform the point of care urine dip stick test in the doctor's office.	Regional Offices: Submit UNPRESERVED URINE and PRESERVED URINE. Store unpreserved urine refrigerated up to 24 hours in 10 ml yellow urine tube. Transport refrigerated . PRESERVED URINE (urine that has been transferred into a C&S preserved, gray test tube) can be stored at room temp. up to 48 hours.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	2 1 2 1	STERILE CONTAINER YELLOW URINE CONICAL TUBE & GRAY URINE C&S TUBE.
URINE TP CREATININE RATIO	Sayre, Towanda and Troy- Collect Urine in sterile container and transfer to yellow urine tube. Corning - Sterile container.	Store and transport sample refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	YELLOW URINE CONICAL TUBE STERILE CONTAINER STERILE CUP STERILE CUP STERILE CONTAINER
URINE TP CREATININE RATIO (REF LAB)	Sayre and Troy- Collect Urine in sterile container and transfer to yellow urine tube. Corning- Sterile container	Transfer to 10ml urine tube for transport. Store and transport sample refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	YELLOW URINE CONICAL TUBE STERILE CONTAINER YELLOW URINE CONICAL TUBE STERILE CONTAINER

2019 GUTHRIE LABORATORY SERVICES: TEST NAME	COLLECTION REQUIREMENTS	SHIPPING AND HANDLING INSTRUCTIONS	PRIORITY	TURN AROUND TIME	TAT UNITS	AUTHORIZED LABORATORY	CONTAINER COUNT	COLLECTION CONTAINER
UROGENITAL CULTURE	<p>MALE GENITAL SOURCES: Prostate, Urethra</p> <p>PROSTATE:</p> <ol style="list-style-type: none"> 1. Cleanse the glans with soap and water. 2. Massage the prostate through the rectum. 3. Collect fluid using a single sterile swab. 4. Label sample noting source of prostate. <p>URETHRAL:</p> <ol style="list-style-type: none"> 1. Insert a urethrogonital swab (ESwab mini-tip) 2-4cm into the urethral lumen, rotate swab, and leave it in place for at least 2 seconds. 2. Label sample noting source of urethra. <p>CERVICAL:</p> <ol style="list-style-type: none"> 1. Remove mucus from cervix with a swab and discard. 2. Sample endocervical canal with a single sterile swab. <p>ENDOMETRIAL:</p> <ol style="list-style-type: none"> 1. Collect transcervical aspirate via telescoping catheter. 2. Transfer at least 1ml of fluid into a anaerobic transport system. <p>URETHRAL:</p> <ol style="list-style-type: none"> 1. Collect 1 hour after patient has urinated. 2. Remove exudate from urethral oriface. 3. Collect discharge using a single sterile swab by massaging the urethra against the pubic symphysis 	If using ESwab refrigerate (4-8°C) or RT (20-25°C) <=48hrs, otherwise RT <=24hours	Routine Routine Routine	72 72 72	Hours Hours Hours	GUTHRIE CLINIC LAB	1	STERILE CONTAINER ESwab Regular Collection Kit ESwab Minitip Collection Kit
UROVYSION FISH ASSAY	<p>Preferred Specimen: >=33 mL voided urine in sterile container mixed 2:1 with PreservCyt® in lab Quest; preferred specimen 50 mL</p> <p>Alternative Specimen: Bladder washing Perform bladder washing collection (50 mL) at the physician's office in a sterile 100 mL urine specimen container.</p> <p>Samples Can Not be collected on FRIDAYS. Collect 30-50 ml urine, first morning specimen is recommended. Specimen must be received in the Sayre Laboratory the same day of collection as specimen viability decreases during transit.</p>	<p>Core Lab: Mix voided urine or bladder washing with CytoLyt® or ethanol 50% in a 1:1 solution. Alternatively, mix bladder washing with preservative Carbowax™ (2% polyethylene glycol in 50% ethanol) 2:1 (v:v). Store and transport refrigerated. Do NOT freeze urine sample.</p>	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CONTAINER

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VAGINAL STREP SCREEN (GROUP B STREP)	<p>1. Wipe away excessive amount of secretion or discharge from the vaginal area.</p> <p>2. Carefully insert the swab into the lower one-third part of vagina, and sample secretions from the mucosa.</p> <p>3. Carefully insert the same swab, approximately 2.5 cm beyond the anal sphincter, and gently rotate to sample anal crypts.</p> <p>4. Replace the swab in its container and properly label the swab, noting the specimen source of vaginal/rectal.</p> <p>A susceptibility is performed on patients with group B strep isolates who are penicillin allergic</p> <p>CDC guidelines recommend prenatal Group B Strep (GBS) culture is performed in all women at 35 to 37 weeks' gestation to identify GBS colonization.</p> <p>Reference range: No group B Strep cultured</p> <p>Rejection Criteria:</p> <p>*Patient not 35 - 37 weeks gestation</p> <p>*Improper specimen collection, storage, and transport</p>	Refrigerate (4-8°C) or RT (20-25°C) <= 48 hours	Routine	72	Hours	GUTHRIE CLINIC LAB	1	ESwab Regular Collection Kit
VALPROIC ACID	Red Tube	Spin and separate into plastic vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1	RED RED RED
VALPROIC ACID FREE	Red 4 ml Clot Tube Quest; preferred specimen 3 mL Minimum volume 1 mL	Spin and separate into plastic vial. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
VALPROIC ACID TOTAL AND FREE	Red 4 ml Clot Tube Quest; preferred specimen 3 mL Minimum volume 1.5 mL	Spin and separate into plastic vial. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
VANCOMYCIN PEAK	Red tube Draw one hour after intramuscular dose or 1 hour after the completion of a 60-90 minute intravenous infusion.	Spin and separate into separate vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	RED RED RED RED
VANCOMYCIN RANDOM	Red tube	Spin and separate into separate vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	RED RED RED RED
VANCOMYCIN TROUGH	Red tube - Draw just before next dose.	Spin and separate into separate vial. Store and transport refrigerated. SST tubes are unacceptable.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB TOWANDA HOSPITAL LAB	1 1 1 1	RED RED RED RED
VAP CHOLESTEROL	Gold 5 ml SST 10-12 Hr fast preferred	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
VARICELLA ZOSTER ANTIBODY IGG	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
VARICELLA ZOSTER ANTIBODY IGM	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.2 mL	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD

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VARICELLA ZOSTER VIRUS CULTURE	<p>Preferred Specimen(s) 3 mL vesicular lesions swab, throat swab or tissue biopsy in VCM medium (green-cap) tube or equivalent. (M4 media is acceptable) Specimens placed in GeneXpert Pink cap preservative will be rejected. Quest; minimum volume 1 mL</p> <p>Alternative Specimen(s) Eye swab or CSF in VCM medium (green-cap) tube or equivalent • Tracheal aspirate, bronchial lavage/wash, sputum, tissue biopsy, fresh (unfixed) tissue or CSF in sterile screw-cap container.</p>	To maintain optimum viability, place swab or fluid into VCM (equal volumes of fluid and VCM) or equivalent and transport the specimen to the laboratory as soon as possible. Best recovery is obtained when the specimens are refrigerated at 2-8° C or kept on wet ice following collection and while in transit. If there will be a long delay before processing, specimens in VCM or equivalent should be frozen at -70° C or colder and transported on dry ice. Storage or transport at -20° C is not acceptable. Raw (unpreserved) samples should only be refrigerated and not frozen.	Routine	1-7	Days	LABCORP QUEST	1 1	M4 MEDIA V-C-M GREEN M4 MEDIA V-C-M GREEN
VASOACTIVE INTESTINAL PEPTIDE (VIP)	<p>Quest: Lavender 3 ml EDTA - patient must be fasting. This test should not be requested on patients who have recently received radioactive material. Quest; preferred specimen 1 mL Minimum volume .55 mL For LabCorp: Contact the LabCorp supply department for special collection kit.</p>	<p>Quest: Spin and separate plasma into plastic vial. Store and transport FROZEN Labcorp: Using a chilled 6-mL lavender-top (EDTA) tube, collect a whole blood specimen. Mix the specimens several times by inverting the EDTA collection tube. After removing the cap from the EDTA draw tube, take one of the sterile, Beral pipettes (from under the gray foam), and add 0.25 mL Trasylol® to the EDTA tube. Recap the EDTA tube and invert several times to mix well. Centrifuge the EDTA tube to separate the plasma from the cells, and immediately transfer the plasma into a PP screw-cap transfer tube. Place a "Trasylol® Added" label to the bottom of the amber tube and freeze. Trasylol® kits may be ordered through the PeopleSoft system (LabCorp N° 33328)</p>	Routine	1-7	Days	LABCORP QUEST	1 1	OTHER LAVENDAR EDTA
VDRL, CSF	Spinal Fluid Container	Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	CSF CONTAINER CSF CONTAINER
VEL (VELL) ANTIGEN			Routine		Days			
VENOUS BG W/CRITICAL CARE PAN	Anaerobic sample that is obtained in a heparinized blood gas syringe.	Sample is transported to ABG lab in a rigid container with a lid. If sent in the pneumatic tube system, the sample is placed in a biohazard bag. Specimens are analyzed within 20 minutes of collection.	Routine	1-7	Days	RPH RT LAB TCH RT LAB	1 1	STERILE SYRINGE STERILE SYRINGE

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VENOUS BLOOD GAS CH	Collect in green sodium heparin tube or heparinized syringe.	Transport in a biohazard bag at room temperature and analyze within 30 minutes of collection.	Routine	1-7	Days	CORNING HOSPITAL LAB	1	GREEN NA HEPARIN STERILE SYRINGE
VENOUS BLOOD GAS RPH/TCH	Anaerobic sample that is obtained in a heparinized blood gas syringe.	Sample is transported to ABG lab in a rigid container with a lid. If sent in the pneumatic tube system, the sample is placed in a biohazard bag. Specimens are analyzed within 20 minutes of collection.	Routine	1-7	Days	RPH RT LAB TCH RT LAB	1 1	STERILE SYRINGE STERILE SYRINGE
VENOUS CORD BLOOD GAS CH	Anaerobic sample that is obtained in a heparinized blood gas syringe.	Transport in a biohazard bag at room temperature and analyze within 60 minutes of collection.	Routine	1-7	Days	CORNING HOSPITAL LAB	1	STERILE SYRINGE
VENOUS CORD BLOOD GAS RPH	Anaerobic sample that is obtained in a heparinized blood gas syringe.	Sample is transported to ABG lab in a rigid container with a lid. If sent in the pneumatic tube system, the sample is placed in a biohazard bag. Specimens are analyzed within 60 minutes of collection.	Routine	1-7	Days	RPH RT LAB	1	STERILE SYRINGE
VENOUS PH (PULM)	Collect in heparinized syringe.	Transport in a biohazard bag at room temperature	Routine	1-7	Days	RPH RT LAB TCH RT LAB CORNING HOSPITAL LAB	1 1 1	STERILE SYRINGE STERILE SYRINGE STERILE SYRINGE
VERAPAMIL LEVEL	Red 10 ml Clot Tube	Spin and separate into plastic vial. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
VERY LONG CHAIN FATTY ACID	Red 10 ml Clot Tube Preferred specimen 0.5 mL Minimum volume 0.3 mL	Spin and separate into plastic vial. Store and transport refrigerated.	Routine	1-7	Days	QUEST	1	RED
VIRAL CULTURE, BODY FLUID	<p>Preferred Specimen(s) 3 mL bronchial aspirates/washes, tracheal aspirates/washes, newborn urine, sterile body fluids, tissue/lung biopsy or conjunctival swab in VCM medium (green-cap) tube or equivalent. (M4 media is acceptable) Specimens placed in GeneXpert Pink cap preservative will be rejected.</p> <p>Alternative Specimen(s) 3 mL body fluid, CSF, bronchial lavage/wash, tracheal aspirate, tissue biopsy, lung biopsy or newborn urine in sterile screw-cap container • 3 mL CSF in VCM medium (green-cap) tube or equivalent</p> <p>Collection Instructions To maintain optimum viability, place swab into V-C-M (equal volumes of fluid/tissue and V-C-M) or equivalent and transport the specimen to the laboratory as soon as possible. Best recovery is obtained when the specimens are refrigerated at 2-8° C or kept on wet ice following collection and while in transit. If there will be a long delay before processing, specimens in V-C-M or equivalent should be frozen at -70° C or colder and transported on dry ice. Storage or transport at -20° C is not acceptable. Raw (unpreserved) samples should only be refrigerated and not frozen. Note: PCR is the preferred test for CSF (preferred specimen: 1 mL CSF submitted in a sterile, leak-proof container without transport media).</p>	<p>Store and transport refrigerated. Specimens in VCM or equivalent are stable 4 days refrigerated - for longer stability store at -70 degrees. Unpreserved body fluids are stable for 3 days refrigerated.</p>	Routine	1-7	Days	LABCORP QUEST	1 1	V-C-M GREEN M4 MEDIA V-C-M GREEN M4 MEDIA

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VIRAL CULTURE, HSV/VZV	<p>Preferred Specimen(s) Lesion (vesicle) aspirate or swab from oral mucosa, skin or conjunctiva collected in VCM (green-cap) tube or equivalent. (M4 media is acceptable) Specimens placed in GeneXpert Pink cap preservative will be rejected.</p> <p>Alternative Specimen(s) Respiratory specimens such as bronchial washings/lavage, tracheal aspirates, tissue, body fluids</p> <p>Collection Instructions To maintain optimum viability, place swab into V-C-M (equal volumes of fluid/tissue and V-C-M) or equivalent and transport the specimen to the laboratory as soon as possible. Best recovery is obtained when the specimens are refrigerated at 2-8° C or kept on wet ice following collection and while in transit. If there will be a long delay before processing, specimens in V-C-M or equivalent should be frozen at -70° C or colder and transported on dry ice. Storage or transport at -20° C is not acceptable. Raw (unpreserved) samples should only be refrigerated and not frozen. Note: PCR is the preferred test for CSF (preferred specimen: 1 mL CSF submitted in a sterile, leak-proof container without transport media).</p>	Store and transport refrigerated. Specimens in VCM or equivalent are stable 3 days refrigerated - for longer stability store at -70 degrees. Unpreserved body fluids are stable for 3 days refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	V-C-M GREEN M4 MEDIA V-C-M GREEN M4 MEDIA
VIRAL CULTURE, RESPIRATORY	<p>3 ml nasopharyngeal aspirate/wash, bronchial wash/lavage, or nasopharyngeal swab in VCM medium (green cap) tube Throat swabs on patients >=2 years of age in VCM medium are also acceptable.</p>	Use equal amounts of fluid and VCM. Store and transport refrigerated. Specimen stability is 72 hours - for longer storage, freeze at -70 C Labcorp: provide exact specimen source, date on onset of illness, patient age, and brief clinical history	Routine	1-7	Days	LABCORP QUEST	1 1	NASOPHARYNGEAL SWAB STERILE CONTAINER NASOPHARYNGEAL SWAB STERILE CONTAINER
VIRAL IDENTIFICATION	This is a non-orderable test	Reflex test only	Routine		Days			
VISCOSITY, SERUM	<p>Gold 5 ml SST Quest; preferred specimen 2 mL Minimum volume 1.2 mL</p>	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
VITAMIN A (RETINOL)	<p>Amber and Gold SST Tube Overnight fasting preferred. Quest; preferred specimen 2 mL Minimum volume 0.7 mL</p>	Spin and separate serum within 1 hour of collection into an AMBER vial to protect from light. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD/AMBER GOLD/AMBER
VITAMIN B1, PLASMA	<p>Amber and Lavender Top Tube Patient Preparation: Overnight fasting is preferred.. Patient is to be restricted from alcohol, coffee, tea, raw fish, liver, pork, sausage and vitamins for at least 24 hours before sample collection LABCORP has discontinued this test. If specimens should be sent to Labcorp for insurance purposes, please order Vitamin B1, whole blood Quest; preferred specimen 2 mL Minimum volume 1 mL</p>	Spin and separate plasma into an AMBER vial to protect from light. FREEZE. Transport FROZEN sample from regional office on dry ice.	Routine	1-7	Days	QUEST	1	LAV FRZ/AMBER

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VITAMIN B1, WHOLE BLOOD	Amber and Lavender Top Tube Overnight fasting required Quest; preferred specimen 2 mL Minimum volume 1 mL	Transfer 3ml whole blood into an amber vial (preferred) or wrap lavender test tube with foil to protect from light. FREEZE the WHOLE BLOOD SAMPLE. Transport frozen sample on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	LAV WHLBLD FRZ/AMBER LAV WHLBLD FRZ/AMBER
VITAMIN B12	SAYRE/TROY/TOWANDA: Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB TOWANDA HOSPITAL LAB	1 1	GREEN LIHEP PST GOLD RED GREEN LIHEP PST GOLD RED
VITAMIN B12 (QUEST)	Gold SST	Spin and do not separate. Store and transport refrigerated Minimize exposure to light during sample handling and storage	Routine	1-7	Days	QUEST	1	GOLD
VITAMIN B12 BINDING CAPACITY	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.2 mL	Spin and do not separate. Store and transport refrigerated. If screen is positive a titer is ordered automatically.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
VITAMIN B12 FOLATE	SAYRE/TROY/TOWANDA: Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB TOWANDA HOSPITAL LAB	1 1	GOLD GREEN LIHEP PST RED GREEN LIHEP PST GOLD RED
VITAMIN B12 FOLATE (REF LAB)	Gold SST Protect from Light	Spin and do not separate. Protect from light.Store and transport refrigerated Note: Send serum in an amber tube. If amber tube is not available, wrap tube in aluminum foil to protect from light.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD/AMBER
VITAMIN B2	Amber and Lavender Top Tube Overnight fasting required Quest; preferred specimen 2 mL Minimum volume 0.5 mL	Quest: Spin and separate plasma into an AMBER vial to protect from light. FREEZE. Store and transport on dry ice. Labcorp: DO NOT SPIN OR SEPARATE. Transfer whole blood into an AMBER vial to protect from light. FREEZE. Store and transport on dry ice	Routine	1-7	Days	LABCORP QUEST	1 1	LAV FRZ/AMBER LAV FRZ/AMBER
VITAMIN B6 PLASMA	Amber and Lavender Top Tube Patient Preparation: Overnight fasting is required. Patient is to be restricted from alcohol and vitamins for at least 24 hours before sample collection Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and separate plasma into an AMBER vial to protect from light. Quest: FREEZE. Transport FROZEN sample from regional office on dry ice. Labcorp: Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	LAVENDAR PLASMA/AMBER LAVENDAR FRZ/AMBER
VITAMIN C	Quest: Amber and 4ml Red Top Clot Tube Preferred specimen 1 mL Minimum volume 0.5 mL Labcorp: Amber and Green Sodium Heparin Tube Due to specimen storage requirements, this test can no longer be collected at regional offices, and must be collected at Sayre lab or by appointment at Corning, Troy, or Towanda Hospital. Overnight fast preferred. Pt should refrain from taking Vit. C and fruits 24 hours prior to sample collection.	Allow blood to clot refrigerated. Spin and separate serum into an AMBER vial to protect from light. FREEZE immediately in dry ice or ultra-low freezer (-60 to -90 C)	Routine	1-7	Days	LABCORP QUEST	1 1	GREEN/AMBER RED/AMBER

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VITAMIN D 1,25-DIHYDROXY	10 ml Red plain Clot tube- ***IF USING 4 ML please draw TWO tubes**** Alternative Specimen(s) Serum collected in SST® tubes, IF centrifuged and removed from the gel within 24 hours Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and separate into plastic vial. MINIMUM OF 1.5 ML SERUM REQUIRED. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
VITAMIN D 25-HYDROXY	Sayre/Corning/Troy: Gold SST tube Towanda: Green Lithium Heparin PST	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB TOWANDA HOSPITAL LAB	1 1	GOLD RED GREEN LIHEP PST GOLD RED
VITAMIN D 25-HYDROXY (REF LAB)	Gold SST tube Fasting preferred, but not required Quest; preferred specimen 0.8 mL Minimum volume 0.5 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
VITAMIN E (TOCOPHEROL)	Amber and Gold SST Tube-PROTECT FROM LIGHT Patient preparation: Overnight fasting required Quest; preferred specimen 2 mL Minimum volume 0.7 mL	Centrifuge within 1 hour of collection. Separate serum into an AMBER vial to protect from light. Store and transport refrigerated.PROTECT FROM LIGHT	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD/AMBER GOLD/AMBER
VITAMIN K	Quest: Amber and 2 Lav EDTA tubes. 3 mL plasma preferred (1.5 mL minimum). Green Sodium Heparin plasma is acceptable. Patient Preparation: Fasting for a minimum of 8 hours. Patient should refrain from eating liver and taking multivitamins or vitamin K at least 24 hours before sample collection. Labcorp:Amber and Lav EDTA Tube. 1.5 mL plasma preferred.	Centrifuge within 1 hour of collection. Immediately separate plasma from the cells into a clean, plastic screw-cap vial. FREEZE. Protect from light. If unable to centrifuge immediately, sample should be covered with aluminum foil immediately and placed on ice until plasma can be separated from cells. Transport FROZEN sample from regional office on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 2	LAVENDAR/AMBER LAVENDAR/AMBER
VIVACTIL (PROTRIPTYLINE)	Red 4 ml Clot Tube	Spin and separate into a plastic vial. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED
VLDL CHOLESTEROL	Gold 5 ml SST	Spin and do not separate. Store and transport refrigerated. If screen is positive a titer is ordered automatically.	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD

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VMA 24 HOUR URINE	24 Hour Urine Container with HCl added in lab PATIENT PREPARATION: It is preferable for the patient to be off medications for 3 days prior to collection. However, common antihypertensives (diuretics, ACE inhibitors, calcium channel blockers, alpha and beta blockers) cause minimal or no interference. Patient should avoid alcohol, coffee, tea, tobacco and strenuous exercise prior to collection. Required specimen is 24 hr urine preserved with 6N HCl so that pH is below 3. Collect urine in plain 24 hour container and refrigerate during collection. HCl is added once specimen is received in the core lab. Quest; preferred specimen 10 mL Minimum volume 5 mL	Store and transport sample refrigerated. Send entire container to lab	Routine	1-7	Days	LABCORP QUEST	1 1	24 HR URINE CONTAINER HCL 24 HR URINE CONTAINER HCL
VMA, URINE	Labcorp: Sterile Container Quest: Urine Container, Random with HCl added in lab PATIENT PREPARATION: It is preferable for the patient to be off medications for 3 days prior to collection. However, common antihypertensives (diuretics, ACE inhibitors, calcium channel blockers, alpha and beta blockers) cause minimal or no interference. Patient should avoid alcohol, coffee, tea, tobacco and strenuous exercise prior to collection Quest; preferred specimen 10 mL Minimum volume 5 mL	Quest: After urine collection, add 6N HCl to maintain a pH below 3. Urine without preservative is acceptable if pH is below 6 and the sample is shipped frozen. Quest and Labcorp: Store and transport sample refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	STERILE CONTAINER STERILE CUP URINE RANDOM HCL
VOLATILES QUANTITATIVE, BLOOD	Gray 4 ml Fluoride/Oxalate	Do not spin or separate. Whole blood required. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	GRAY GRAY
VON WILLEBRAND ANTIGEN	Blue Citrate 2.7 ml Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times.	Separate and ship Frozen Samples are kept at room temperature and centrifuged to obtain platelet poor plasma within four hours of collection. The centrifuged sample must be tested within 4 hours of collection. If testing is delayed more than 4 hours, separate the platelet poor plasma into a labeled polypropylene tube and freeze. Spin time to obtain platelet poor plasma depends on the centrifuge speed. RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 5100 5 minutes 5100 - 7100 3 minutes	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	BLUE CITRATE 2.7 ML

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VON WILLEBRAND ANTIGEN (REF LAB)	Blue Citrate 2.7 ml Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times. Overnight fasting is preferred	Separate and ship Frozen Centrifuge light blue-top tube for 15 minutes at approximately 1500 g within 60 minutes of collection. Using a plastic pipette, remove plasma, taking care to avoid the WBC/platelet buffy layer and place into a plastic vial. Centrifuge a second time and transfer platelet poor plasma into a new plastic vial and freeze. Spin time to obtain platelet poor plasma depends on the centrifuge speed. RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 4000 6 minutes 5100 - 7100 3 minutes	Routine	1-7	Days	LABCORP QUEST	1 1	BLUE CITRATE 2.7 ML BLUE CITRATE 2.7 ML
VON WILLEBRAND ANTIGEN MULTIMERIC	Blue 2.7 ml Sodium Citrate Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Allow 2.7 ml blood to be drawn by vacuum. A completely filled blue top tube is required to prevent test error due to dilution of blood with excessive anticoagulant. Invert tube 4 times immediately after drawing. Immediately centrifuge for 15 minutes and separate into plastic vial. FREEZE. Transport frozen sample on dry ice. Hemolyzed samples are rejected This test is only ordered for patients with confirmed Von Willebrand's disease to determine the type of Von Willebrand's disease.	Routine	1-7	Days	LABCORP QUEST	1 1	BLUE CITRATE 2.7 ML BLUE CITRATE 2.7 ML
VON WILLEBRAND FACTOR PROTEASE ACTIVITY	Blue 2.7 ml Sodium Citrate Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and separate into plastic vial. FREEZE. Transport frozen sample on dry ice.	Routine	1-7	Days	LABCORP QUEST	1 1	BLUE CITRATE 2.7 ML BLUE CITRATE 2.7 ML

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VON WILLEBRAND'S PANEL	THREE Blue Top Sodium Citrate tubes and ONE Pink EDTA tube. Correct ratio of blood to citrate is critical. Avoid hemolysis. Blue top tubes must be filled completely and mixed gently 8 times.	<p>Pink EDTA tube: (ABO/Rh test) Do not spin or separate. Store and ship REFRIGERATED.</p> <p>Blue top tubes: (Closure Time Platelet Function test) Do not spin or separate TWO TUBES. Store and ship at ROOM TEMPERATURE. The specimen must be tested within 4 hours.</p> <p>(Factor 8 Activity and Von Willebrand Factor Ag): Keep the THIRD TUBE at room temp and centrifuge to obtain platelet poor plasma within four hours of collection. The centrifuged sample must be tested within 4 hours of collection. If testing will be delayed more than 4 hours, separate the platelet poor plasma into a labeled polypropylene tube and freeze. Spin time to obtain platelet poor plasma depends on the centrifuge speed.</p> <p>RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 4000 6 minutes 5100 - 7100 3 minutes</p>	Routine	1-7	Days	GUTHRIE CLINIC LAB	4	OTHER
VORICONAZOLE	Red 4 ml Clot Tube SST tubes are unacceptable Preferred specimen 2 mL Minimum volume 1mL	Spin and separate into plastic vial. Store and transport refrigerated	Routine	1-7	Days	QUEST	1	RED
WARFARIN LEVEL	Quest: Royal Blue EDTA tube Preferred specimen 3 mL Minimum volume 1.2 mL Labcorp: Lavender EDTA tube	Spin and separate plasma into a plastic vial. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	LAVENDAR EDTA ROYAL BLUE EDTA PLASMA
WEST NILE VIRUS AB CSF	{\rtf1\ansi\deflang1033\ftnbj{\fonttbl{\f0 \modern \charset0 Arial;}}\plain\0\fs20 Collect 2ml cerebral spinal fluid\par }	{\rtf1\ansi\deflang1033\ftnbj{\fonttbl{\f0 \modern \charset0 Arial;}}\plain\0\fs20 Store and transport refrigerated\par }	Routine	1-7	Days	LABCORP QUEST	1 1	CSF CONTAINER CSF CONTAINER
WEST NILE VIRUS AB SERUM	Gold 5 ml SST Quest; preferred specimen 1 mL Minimum volume 0.7 mL	Spin and do not separate. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	GOLD GOLD
WHITE BLOOD COUNT	Whole blood required. Mix sample thoroughly by gentle inversion 8 times to avoid clotting.	Do not spin. Stable at Room Temperature for 12 hours then REFRIGERATE.	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB TROY HOSPITAL LAB	1 1 1	LAVENDAR EDTA LAVENDAR EDTA LAVENDAR EDTA
WOUND CULTURE	Collect specimen using a Bactiswab culturette.	Maintain at room temperature	Routine Routine Routine	3 3 3	Days Days Days	GUTHRIE CLINIC LAB TROY HOSPITAL LAB CORNING HOSPITAL LAB	1 1 1	STERILE SWAB CONTAINER STERILE SWAB STERILE SWAB
WRIGHT'S STAIN - STOOL	Sterile Container	Store and transport refrigerated. Stool is stable for 48 hours.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	STERILE CUP

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XFACTOR 10 ACTIVITY	Blue Citrate 2.7 ml Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times. One blue top tube for each 2 factors ordered is required.	Separate and ship Frozen Samples are kept at room temperature and centrifuged to obtain platelet poor plasma within four hours of collection. The centrifuged sample must be tested within 4 hours of collection. If testing is delayed more than 4 hours, separate the platelet poor plasma into a labeled polypropylene tube and freeze. Spin time to obtain platelet poor plasma depends on the centrifuge speed. RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 4000 6 minutes 5100 - 7100 3 minutes	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	BLUE CITRATE 2.7 ML
XFACTOR 11 ACTIVITY	Blue Citrate 2.7 ml Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times. One blue top tube for each 2 factors ordered is required.	Separate and ship Frozen Samples are kept at room temperature and centrifuged to obtain platelet poor plasma within four hours of collection. The centrifuged sample must be tested within 4 hours of collection. If testing is delayed more than 4 hours, separate the platelet poor plasma into a labeled polypropylene tube and freeze. Spin time to obtain platelet poor plasma depends on the centrifuge speed. RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 4000 6 minutes 5100 - 7100 3 minutes	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	BLUE CITRATE 2.7 ML

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XFACTOR 12 ACTIVITY	Blue Citrate 2.7 ml Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times. One blue top tube for each 2 factors ordered is required.	Separate and ship Frozen Samples are kept at room temperature and centrifuged to obtain platelet poor plasma within four hours of collection. The centrifuged sample must be tested within 4 hours of collection. If testing is delayed more than 4 hours, separate the platelet poor plasma into a labeled polypropylene tube and freeze. Spin time to obtain platelet poor plasma depends on the centrifuge speed. RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 4000 6 minutes 5100 - 7100 3 minutes	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	BLUE CITRATE 2.7 ML
XFACTOR 2 ACTIVITY	One blue top tube for each 2 factors ordered is required. Blue Citrate 2.7 ml Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times.	Separate and ship Frozen Samples are kept at room temperature and centrifuged to obtain platelet poor plasma within four hours of collection. The centrifuged sample must be tested within 4 hours of collection. If testing is delayed more than 4 hours, separate the platelet poor plasma into a labeled polypropylene tube and freeze. Spin time to obtain platelet poor plasma depends on the centrifuge speed. RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 4000 6 minutes 5100 - 7100 3 minutes	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	BLUE CITRATE 2.7 ML

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XFACTOR 5 ACTIVITY	One blue top tube for each 2 factors ordered is required. Blue Citrate 2.7 ml Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times.	Separate and ship Frozen Samples are kept at room temperature and centrifuged to obtain platelet poor plasma within four hours of collection. The centrifuged sample must be tested within 4 hours of collection. If testing is delayed more than 4 hours, separate the platelet poor plasma into a labeled polypropylene tube and freeze. Spin time to obtain platelet poor plasma depends on the centrifuge speed. RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 4000 6 minutes 5100 - 7100 3 minutes	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	BLUE CITRATE 2.7 ML
XFACTOR 7 ACTIVITY	One blue top tube for each 2 factors ordered is required. Blue Citrate 2.7 ml Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times.	Separate and ship Frozen Samples are kept at room temperature and centrifuged to obtain platelet poor plasma within four hours of collection. The centrifuged sample must be tested within 4 hours of collection. If testing is delayed more than 4 hours, separate the platelet poor plasma into a labeled polypropylene tube and freeze. Spin time to obtain platelet poor plasma depends on the centrifuge speed. RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 4000 6 minutes 5100 - 7100 3 minutes	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	BLUE CITRATE 2.7 ML

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XFACTOR 9 ACTIVITY	Blue Citrate 2.7 ml Correct ratio of blood to citrate is critical. Avoid hemolysis. Tube must be filled completely and mixed gently 8 times. One blue top tube for each 2 factors ordered is required.	Separate and ship Frozen Samples are kept at room temperature and centrifuged to obtain platelet poor plasma within four hours of collection. The centrifuged sample must be tested within 4 hours of collection. If testing is delayed more than 4 hours, separate the platelet poor plasma into a labeled polypropylene tube and freeze. Spin time to obtain platelet poor plasma depends on the centrifuge speed. RPM Spin Time for PPP 2500 - 3500 15 minutes 3600 10 minutes 4000 6 minutes 5100 - 7100 3 minutes	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	BLUE CITRATE 2.7 ML
xFLUID UREA NITROGEN	White Fluid Tube List specimen SOURCE on the container.	Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB	1	WHITE FLUID TUBE
xFLUID URIC ACID	White Fluid Tube List specimen SOURCE on the container.	Store and transport refrigerated.	STAT Routine	45 24	Minutes Hours	GUTHRIE CLINIC LAB	1	WHITE FLUID TUBE
XGLUCOSE 24 HOUR URINE	24 Hour Urine Plain Container	Transport entire container to lab. Store and transport refrigerated	Routine	1-7	Days	GUTHRIE CLINIC LAB CORNING HOSPITAL LAB	1 1	24 HOUR URINE CONTAINER 24 HOUR URINE CONTAINER
xHEMOGLOBIN & HEMATOCRIT, BODY FLUID	Label specimen with SOURCE.	Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	LAVENDAR EDTA
XSEMEN WASHING (FRESH) FOR IUI	The best method for collection of seminal fluid is masturbation without aid of a lubricant directly into a clean, dry, room temperature wide-mouth glass or hard plastic container. A specimen collected in any way other than masturbation is not acceptable because it may interfere with the test results. The use of a condom for specimen collection is not acceptable because it also may interfere with the test results. 1. The patient must abstain from ejaculation (sexual activity/intercourse) for at least 24 hours before collecting this specimen. However, do not abstain for longer than 3 days before specimen collection. 2. Care must be taken to collect the entire specimen in the container. Loss of the first portion of the ejaculate may result in a decreased sperm count. Do not contaminate the specimen. 3. The specimen should be brought to the laboratory within 1 hour of collection PERFORMED At Sayre Laboratory Only.	The specimen must be maintained at body temperature during transport. This can be accomplished by carrying the sample in an inside pocket.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	STERILE CONTAINER

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YEAST DERMATOPHYTE SCREEN	<p>Hair dermatophytosis:</p> <ol style="list-style-type: none"> 1. With forceps, collect at least 10-12 affected hairs with the base of the shaft intact.(Collect scalp scales, if present,along with scrapings of active borders of lesions. Note any anti-fungal therapy taken recently.Select hairs that fluoresce under a Wood's lamp.) 2. Place in a clean tube or container. <p>Nail dermatophytosis:</p> <ol style="list-style-type: none"> 1. Wipe the nail with 70% alcohol using gauze (not cotton). 2. Clip away a generous portion of the affected area and collect material or debris from under the nail. (Scrape the outer surface of the nail and discard the scraping.Collect scrapings from the deeper diseased areas of the nail and add them to the material previously collected from under the nail.) 3. Place material in a clean container. <p>Skin dermatophytosis:</p> <ol style="list-style-type: none"> 1. Cleanse the affected area with 70% alcohol. 2. Gently scrape the surface of the skin at the active margin of the lesion. Do not draw blood. 3. Place the sample in a clean container or between two clean glass slides. If the specimen is submitted between glass slides, tape the slides together and submit in an envelope. 	Store and transport at room temperature up to 24 hours	Routine	1-7	Weeks	GUTHRIE CLINIC LAB	1	STERILE CONTAINER
ZIKA VIRUS	Gold SST or 1 ml CSF. Only specimens being sent to the PA DOH can be collected at Sayre - those for NY state testing must be done at an NYS approved collection site. Refer to this site for the most recent and complete collection and shipping instructions: http://www.guthrie.net	Spin and separate serum into a plastic transport tube with a screw cap. Seal the tube with Parafilm. Store and transport refrigerated.	Routine	1-7	Days	GUTHRIE CLINIC LAB	1	GOLD
ZINC PROTOPORPHYRIN	Lavender 3 ml EDTA Quest; preferred specimen 2 mL Minimum volume 0.5 mL	Wrap with foil to protect from light. Store and transport whole blood, REFRIGERATED.	Routine	1-7	Days	LABCORP QUEST	1 1	LAVENDAR EDTA LAVENDAR EDTA
ZINC, 24 HOUR URINE	24 Hour Urine Container Acid Washed Quest; preferred specimen 7 mL Minimum volume 3 mL	Store and transport sample refrigerated. Send entire container to the lab.	Routine	1-7	Days	QUEST	1	24 HR URINE CONTAINER ACID WASHED
ZINC, PLASMA	Royal Dark Blue 6 ml EDTA PLASMA Trace Metal Quest; preferred specimen 2 mL Minimum volume 0.7 mL	Spin and separate plasma into a trace element container. DO NOT use a pipet. Store and transport refrigerated	Routine	1-7	Days	LABCORP QUEST	1 1	ROYAL BLUE EDTA PLASMA ROYAL BLUE EDTA PLASMA
ZINC, RBC	Royal Dark Blue 6 ml EDTA Trace Metal NY specimen testing is not available at Quest laboratory; for NY patients order as a Miscellaneous test and send to Labcorp (test code 070029) Quest; preferred specimen 0.5 mL Minimum volume 0.3 mL	Quest: Centrifuge and separate RBCs into acid washed plastic screw capped vial labeled as RBCs within 2 hrs of collection. Labcorp: Centrifuge tube within 45 minutes of collection and separate plasma from cells. Discard the plasma and send the RBCs in the original tube. Store and transport refrigerated for both labs.	Routine	1-7	Days	LABCORP QUEST	1 1	ROYAL BLUE EDTA RBCS ROYAL BLUE EDTA RBCS LAVENDAR EDTA
ZINC, URINE (LC)	Random or 24 Hour Urine Container Acid Washed Preferred specimen 5 mL Minimum volume 1.7 mL	Store and transport sample refrigerated. Send entire container to the lab.	Routine	1-7	Days	LABCORP	1	24 HR URINE CONTAINER ACID WASHED

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ZINC,RANDOM URINE	50 ml Acid Washed Container for Random Urine (for heavy metal testing) Preferred specimen 7 mL Minimum volume 3 mL	Store and transport sample refrigerated. Send entire container to the lab.	Routine	1-7	Days	QUEST	1	ACID WASHED URINE CONTAINER
ZONISAMIDE LEVEL	Red 4 ml Clot Tube Quest; preferred specimen 1 mL Minimum volume 0.5 mL	Spin and separate into plastic vial. Store and transport refrigerated.	Routine	1-7	Days	LABCORP QUEST	1 1	RED RED