

# Test Tube Guide and Order of Draw

ORDER OF DRAW

| Tube           | Additive   | Item #                 | Laboratory Use   |
|----------------|--|------------------------|--|
| blood cultures |  Bactec Aerobic grey cap                  | 9617                   | Make certain to follow the blood culture procedure using ChloroPrep One-Step - Item #22960   |
|                |  Bactec Anerobic orange cap               | 10595                  |  |
|                |  Bactec Peds pink cap                     | 9616                   |  |
| royal blue     | Plain ( <b>ORANGE</b> Quest sticker) 7ml<br>Trace element no additive (serum tube)   | see lab supply request | Serum Trace element tests:chromium, selenium<br> Carefully pour, do not pipet, serum into a trace element vial |
| blue           | Sodium Citrate Tube 4.5ml<br>Fill test tube completely<br>Proper mixing prevents clot formation                            | 89                     | Coagulation testing.<br>PT, PTT, TPT, Protein S, Protein C<br>Anti-Thrombin III, Lupus Anti-Coagulant  |
| red            | Serum Tube with clot activator 4ml<br>Allow 30 min. for clot formation 10ml<br>Spin and separate serum into a plastic vial | 2219<br>2222           | Serum testing for chemistry tests.<br>Digoxin, Dilantin, Drug Levels, Homocystine<br>Lithium, Tegretol, Theophylline   |
| mustard        | SST Gel Separator w/ clot activator 5ml<br>Allow 30 minutes for clot formation   | 1234                   | Serum testing for chemistry tests<br>CA125, CA15-3, CA19-9, Free-PSA (sendout), Hepatitis, T3, T4, Free T4, TSH, FSH, LH, B12, B12 Folate  |
| green          | Sodium Heparin Tube 10ml   | 94                     | Amino Acids, Vitamin K<br>HLA B27 (call lab before collection)   |
| light green    | Lithium Heparin 4.5ml<br>PST Gel Separator Tube<br>Proper mixing prevents clot formation                                   | 2033                   | Plasma testing for chemistry tests<br>Ammonia, BMP, CMP, Electrolytes, PTH Intact<br>Lipid Profile, Hepatic Function, PSA (Guthrie)  |
| black ESR      | 3.2% Sodium Citrate 5ml<br>Fill test tube completely<br>Invert 8-10 times for proper mixing                                | 65219                  | Sed. Rate Only (erythrocyte sedimentation rate)<br>*preferred tube for sed. rate test, purple ETDA also accepted.<br>Do not remove tube rubber stopper under any circumstances                   |
| lavender       | EDTA Tube 3ml<br>Proper mixing prevents clot formation   | 1012                   | Whole blood testing<br>CBC, Glyco, Retic, Cyclosporin, Histamine<br>Cystic Fibrosis, Mono, RBC Folate, Sed. Rate (not preferred)   |
| pink           | K2 EDTA 6ml  | 40075                  | Whole blood testing for blood bank<br>Type and Screen, Type and Cross,<br>Direct Antiglobulin (DAT)  |
| royal blue     | K2 EDTA (no label on tube) 5ml<br>Trace element EDTA additive  | see lab supply request | Whole blood or plasma element tests: arsenic, cadmium, heavy metal screen, mercury<br>(Lead=Tan tube)  |
| pearl          | EDTA (NA2) 6ml   | see lab supply request | Hepatitis C - Heptimax   |
| gray           | Potassium Oxalate 5ml  | 67159                  | Alcohol<br>Lactic Acid   |
| yellow         | ACD solution B 6ml   | see lab supply request | HLA typing - oncology patients - # of tubes depends on patient's WBC count, call blood bank 570-887-4218   |
| yellow urine   | no additive, urine specimen only 5-10ml  | 70835                  | urine microalbumin, urine drug screen<br>urine chemistry, urine osmolality   |