

# PREANALYTICAL SYSTEMS TUBE GUIDE

Including Recommended Order Of Draw

| Hemogard™ Closure, Specimen Volume & Dorevitch Pathology Catalogue Number   |   | DETERMINATIONS           |  | INSTRUCTIONS   |
|---|---|--------------------------|--|--|
|   | Tube Content  |                          |  |  |
| <b>IN ACCORDANCE WITH CLSI GUIDELINES (DOCUMENT H3-A4), BLOOD CULTURE BOTTLES ARE TO BE COLLECTED FIRST IN ORDER OF DRAW (BEFORE ANY BLOOD TUBES)</b> |   |                          |  |  |
| *<br>1  | <br>2.7ml<br>671773    | Sodium Citrate<br>1:9    | <b>COAGULATION:</b> Prothrombin time, INR, Coagulation studies, APTT, D-Dimers, Fibrinogen, Anti-Xa, Factor assays, Thrombophilia screen, Platelet function test.  | Citrate tubes must be full draw volume. Draw must be a clean venepuncture.   |
| *<br>1  | <br>9.0ml<br>609925    | ACD                      | <b>HLA:</b> Tissue typing / antibodies / screen, Genetic testing for Coeliac disease.  | <b>Note:</b> ACD tubes are recommended to be full draw volume.   |
| *<br>2  | <br>8.5ml<br>646309    | SST™ II Gel              | <b>BIOCHEMISTRY:</b> Alk Phos, Amylase, B12, BHCG, Calcium, Cardiac Enzymes, Creatinine, CRP, Folate, Glucose (fasting & random), Hormones (LH, FSH, Progesterone, Prolactin, etc), Iron Studies, LFT, Lipids (Chol/Trigs/HDL), Phosphate, PSA, RAST, Rheumatoid Factor, SUA, TFT, U&E, Therapeutic Drug Levels, e.g. Digoxin, Dilantin (refer to manual for others).<br><b>VIRAL SEROLOGY:</b> ASOT, Barmah Forest, Brucella, CMV, EBV, Helicobacter Pylori, Hepatitis A, B, C, HIV, Herpes, HTLV, Measles, Mumps, Mycoplasma, Parvovirus, Ross River Virus, Rubella, Syphilis, Toxoplasmosis, Varicella.<br><b>AUTOIMMUNE SEROLOGY:</b> ANA, ANCA, ANS (Cardiolipin), CCP, ds DNA, ENA, Tissue Autoantibodies, Coeliac Antibodies. | Refer to 5ml PPT™ tube for: Hep B & C PCR, viral load and genotyping and HIV viral load.<br>Please use Fluoride Oxalate for GTT;<br>*SST™ II for Glucose (fasting & random) is only for ACC's with a centrifuge.<br><b>Note:</b> SST™ II tubes are recommended to be full draw volume. |
| *<br>2  | <br>6.0ml<br>601234    | Plain                    | <b>HAEMATOLOGY:</b> IM, Monospot.<br><b>BIOCHEMISTRY:</b> Therapeutic Drug Levels, Clozapine, Tricyclic Antidepressants, e.g. Risperidone, Rivotril, Sinequan, Tofranil, Trimipramine (refer to manual for others).  | <b>DO NOT</b> use for blood bank samples. Please refer 6ml EDTA blood bank section below.  |
| *<br>3  | <br>6.0ml<br>601237   | Lithium Heparin          | <b>BIOCHEMISTRY:</b> Carboxy-Hb, Carbon monoxide, Cholinesterase – (Red cell & Insecticide), Organochlorines, Red cell Magnesium. Note: Lithium Heparin tubes must be full draw volume.<br><b>FLOW CYTOMETRY:</b> Lymphocyte Surface Markers, T&B Cells, T4/T8 ratio. (Collect also EDTA).   | <b>Note:</b> Heparin tubes are recommended to be full draw volume.   |
| *<br>3  | <br>8.0ml<br>678487  | PST™ II Gel              | <b>FOR TROPONIN I ONLY</b>   | <b>Note:</b> PST™ II tubes are recommended to be full draw volume.   |
| *<br>4  | <br>4.0ml<br>601235  | K <sub>2</sub> EDTA      | <b>HAEMATOLOGY:</b> F.B.E./F.B.C., Hb, WCC, Diff, Platelets, Hb electrophoresis (also collect SST), ESR, monospot, IM test, G6PD. Lymphocyte Surface Markers, T&B Cells, T4/T8 ratio (Collect also Lithium Heparin).<br><b>BIOCHEMISTRY:</b> Ammonia, Glycated Hb (HbA1C), Homocysteine, PTH, Red cell folate, Immunosuppressive drug levels e.g. Cyclosporin, Tacrolimus  | Dedicated tube for PTH. Transport on ice.  |
| *<br>4  | <br>6.0ml<br>648931  | K <sub>2</sub> EDTA      | <b>BLOOD BANK:</b> Blood group, Rh antibodies, Crossmatch, Hold serum, Group & Hold.<br><b>DO NOT use these tubes for Haematology (eg FBE) or Biochemistry tests (eg HbA1C). Use only for Blood Bank tests.</b>  | 2 tubes required for Crossmatch/Group & Save.<br><b>Note:</b> Please label tubes in handwriting. All tubes MUST carry the signature or initials of the person collecting the sample to comply with ANZSBT guidelines.  |
| *<br>4  | <br>6.0ml<br>654172  | K <sub>2</sub> EDTA      | <b>TRACE ELEMENTS:</b> Aluminum, Arsenic, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Molybdenum, Nickel, RBC Copper, RBC Manganese, RBC Zinc, Selenium, Manganese, Zinc.  | <b>Note:</b> Trace element tubes are recommended to be full draw volume.   |
| *<br>4  | <br>5.0ml<br>686421  | PPT™ K <sub>2</sub> EDTA | <b>VIRAL TESTING:</b> Hep B & C PCR, viral load and genotyping,  | <b>Note:</b> EDTA tubes are recommended to be full draw volume.  |
| *<br>4  | <br>10.0ml<br>671771 | K <sub>2</sub> EDTA      | <b>MOLECULAR TESTING:</b> Haemachromatosis, Factor V Leiden, HLAB27, HIV viral load.   | <b>Note:</b> EDTA tubes are recommended to be full draw volume.  |
| *<br>5  | <br>2.0ml<br>601232  | Fluoride Oxalate         | <b>BIOCHEMISTRY:</b> Alcohol, GTT, Lactate, Lactose Tolerance.   | <b>Note:</b> Fluoride Oxalate tubes are recommended to be full draw volume.  |
| *<br>6  | <br>5.0ml<br>601286  | ESR                      | <b>HAEMATOLOGY:</b> ESR (Regional and Peninsula Labs).   | <b>Note:</b> ESR tubes must be full draw volume.   |

**HAZARD WARNING:** Never inject blood into the tube from needle and syringe. ALWAYS LABEL TUBES LEGIBLY - SURNAME, GIVEN NAME, DATE AND TIME OF COLLECTION, DATE OF BIRTH AND/OR UR NUMBER. DO NOT TRANSFER BLOOD FROM TUBE TO TUBE TO PREVENT CONTAMINATION OF ADDITIVES. FOR ANY OTHER TESTS PLEASE CONTACT LABORATORY.