

PREANALYTICAL SYSTEMS TUBE GUIDE

Including Recommended Order Of Draw

Hemogard™ Closure, Specimen Volume & Dorevitch Pathology Catalogue Number		DETERMINATIONS		INSTRUCTIONS
Tube Content				
IN ACCORDANCE WITH CLSI GUIDELINES (DOCUMENT H3-A4), BLOOD CULTURE BOTTLES ARE TO BE COLLECTED FIRST IN ORDER OF DRAW (BEFORE ANY BLOOD TUBES)				
* 1	 2.7ml 671773	Sodium Citrate 1:9	COAGULATION: 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.
* 1	 9.0ml 609925	ACD	HLA: Tissue typing / antibodies / screen, Genetic testing for Coeliac disease.	Note: ACD tubes are recommended to be full draw volume.
* 2	 8.5ml 646309	SST™ II Gel	BIOCHEMISTRY: 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, Protein electrophoresis, PSA, RAST, Rheumatoid Factor, Urate, TFT, U&E, Therapeutic Drug Levels, e.g. digoxin, anti-convulsants. VIRAL SEROLOGY: 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. AUTOIMMUNE SEROLOGY: 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. Please use Fluoride Oxalate for GTT; *SST™ II for Glucose (fasting & random) is only for ACC's with a centrifuge. Note: SST™ II tubes are recommended to be full draw volume.
* 2	 6.0ml 601234	Plain	HAEMATOLOGY: IM, Monospot. BIOCHEMISTRY: Clozapine (Red-top preferred, purple-top EDTA acceptable), Therapeutic Drug Levels, Clozapine, Tricyclic Antidepressants, e.g. Risperidone, Rivotril, Sinequan, Tofranil, Trimipramine (refer to manual for others).	DO NOT use for blood bank samples. Please refer 6ml EDTA blood bank section below.
* 3	 6.0ml 601237	Lithium Heparin	BIOCHEMISTRY: Carboxy-Hb, Carbon monoxide, Cholinesterase – (Red cell & Insecticide), Organochlorines, Red cell Magnesium. Note: Lithium Heparin tubes must be full draw volume. FLOW CYTOMETRY: Lymphocyte Surface Markers, T&B Cells, T4/T8 ratio. (Collect also EDTA).	Note: Heparin tubes are recommended to be full draw volume.
* 3	 8.0ml 678487	PST™ II Gel	FOR TROPONIN I ONLY	Note: PST™ II tubes are recommended to be full draw volume.
* 4	 4.0ml 601235	K ₂ EDTA	HAEMATOLOGY: 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). BIOCHEMISTRY: Ammonia, HbA1c, Homocysteine, PTH, Red cell folate, Immunosuppressive drug levels e.g. Cyclosporin, Tacrolimus	Please collect a separate tube for PTH.
* 4	 6.0ml 648931	K ₂ EDTA	BLOOD BANK: Blood group, Rh antibodies, Crossmatch, Hold serum, Group & Hold. DO NOT use these tubes for Haematology (eg FBE) or Biochemistry tests (eg HbA1C). Use only for Blood Bank tests.	2 tubes required for Crossmatch/Group & Save. Note: Please label tubes in handwriting. All tubes MUST carry the signature or initials of the person collecting the sample to comply with ANZSBT guidelines.
* 4	 6.0ml 654172	K ₂ EDTA	TRACE ELEMENTS: Aluminum, Arsenic, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Molybdenum, Nickel, RBC Copper, RBC Manganese, RBC Zinc, Selenium, Manganese, Zinc.	Note: Trace element tubes are recommended to be full draw volume.
* 4	 5.0ml 686421	PPT™ K ₂ EDTA	VIRAL TESTING: Hep B & C PCR, viral load and genotyping,	Note: EDTA tubes are recommended to be full draw volume.
* 4	 10.0ml 671771	K ₂ EDTA	MOLECULAR TESTING: Haemachromatosis, Factor V Leiden, HLAB27, HIV viral load.	Note: EDTA tubes are recommended to be full draw volume.
* 5	 2.0ml 601232	Fluoride Oxalate	BIOCHEMISTRY: Alcohol, GTT, Lactate, Lactose Tolerance.	Note: Fluoride Oxalate tubes are recommended to be full draw volume.
* 6	 5.0ml 601286	ESR	HAEMATOLOGY: ESR (Regional and Peninsula Labs).	Note: 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.