



Tube Guide & Order of Draw

Order of draw – in situations of multi-sampling, it is recommended to arrange the tubes in the following order.

Tube	Volume	Determinations	Instructions
 Green FA Plus Blood culture bottle (410851)		Microbiology	1 x set of blood culture bottles: both aerobic and anaerobic. Using a butterfly scalp vein needle only add 8-10 mLs blood to each bottle (do not overfill). Collect aerobic bottle first and mix gently by inverting the bottles 8-10 times. Storage and transportation: room temperature Paediatric bottles are available on request and must be filled with 1-4 mLs of blood
 Orange FN Plus Blood culture bottle (410852)			
 Yellow PF Plus (Paed) Blood culture bottle (410853)			
 Sodium Citrate	2.7 mL (363095)	Coagulation	Fill to at least Minimum Fill and not over Maximum Fill Line marked on the tube MIX WELL BY GENTLY INVERTING 8-10 TIMES
		PR, APTT, INR, Coagulation Studies (Note: Coagulation Studies require 2 citrate tubes and a 4 mL EDTA tube)	
 ACD	6.0 mL (367756)		MIX WELL BY GENTLY INVERTING 8-10 TIMES
 Plain	10.0 mL (367895)	General Biochemistry	Number of tubes required: Up to 6 test groups – 1 tube e.g. LFT, Hepatitis, Amylase, TFT, Hormones, Cardiac Enzymes More than 6 test groups – 2 tubes MIX WELL BY GENTLY INVERTING 8-10 TIMES
		Cardiac Markers, Troponin, U&E, LFT, Lipids, HDL, Amylase, Lipase, Magnesium, Fe Studies, Therapeutic Drugs, CRP, Vitamin D, Vitamin B12, Glucose	
		General Serology General Serology, Hormones, Hepatitis Serology, RAST, HIV	
 SST	8.5 mL (367958)	General Biochemistry & Serology	As above, however, limited therapeutic drug levels – refer to specific details in the Pathology Collection Guide for Doctors.
 Lithium Heparin	6.0 mL (367885)	Biochemistry	MIX WELL BY GENTLY INVERTING 8-10 TIMES
		Cholinesterase (Red Cell or Plasma), Chromosome Analysis, Organophosphates	
 EDTA	4.0 mL (367839)	Haematology	MIX WELL BY GENTLY INVERTING 8-10 TIMES
		FBC, Hb, WCC, Diff, Platelets, ESR, Retics Malarial Parasites, however separate tube required	
		Biochemistry Glycated Hb (HbA1c), Lead, FEP, G6PD, Porphyrins (Red Cell)	
		Molecular Genetics EDTA acceptable, however separate tube required	
 EDTA	6.0 mL (367941)	Blood Bank	MIX WELL BY GENTLY INVERTING 8-10 TIMES Note: Full patient identification required for Crossmatching and Group & Hold, Blood Group & Ab Screen Doctor/Collector must initial tube to verify patient details Transfusion form required with any Crossmatch or Group & Hold request
		Crossmatch, Group & Hold, Antibody Screen, Blood Group (Note: 6 mL EDTA and 4 mL EDTA tube required for all Crossmatches and Group & Hold)	
		General Serology PTH (additional plain or gel tube required as well)	
 Red Rimmed EDTA	4.0 mL (454003)	Flow Cytometry	MIX WELL BY GENTLY INVERTING 8-10 TIMES
		Lymphocyte Surface Markers (additional 4 mL EDTA tube required for WCC), CD59, Paroxysmal Nocturnal Haemoglobinuria	
		Haematology (separate tube required) Malarial Parasites	
		Molecular Genetics (separate tube required) Haemochromatosis, Factor V Leiden, MTHFR, PGM, HLA B27, Fragile X, Coeliac Tissue Typing	
 Fluoride Oxalate	4.0 mL (367935)	Biochemistry	MIX WELL BY GENTLY INVERTING 8-10 TIMES
		Glucose, Blood Alcohol (Medical)	
 Quantiferon Gold Kit – 1.0 mL each		Immunoserology	Collect 1 mL of blood into each tube. Shake tubes 10 times firmly enough to ensure inner surface of tubes is coated. Do not spin and keep at room temperature.
		Tuberculosis	

Specimen Labelling – each tube must be legibly labelled with:

- Surname
- Date of birth
- Date
- Collector's initials
- First name
- Gender (M or F)
- Time
- Barcode

NOTE: All BD Vacutainer® tubes require immediate mixing following collection

- Always fill tubes to full volume
- For any other tests please contact the laboratory

HAZARD WARNING: Never inject blood into the tube from the needle and syringe.