



# 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
	<b>Green FA Plus</b> Blood culture bottle (410851)	<b>Microbiology</b>	To exclude the possibility of septicaemia
	<b>Orange FN Plus</b> Blood culture bottle (410852)		
	<b>Yellow PF Plus (Paed)</b> Blood culture bottle (410853)		
	<b>2.7mL</b> (363095) Sodium Citrate	<b>Coagulation</b>	PR, APTT, INR, Coagulation Studies (Note: Coagulation Studies require 2 citrate tubes and a 4mL EDTA tube)
	<b>6.0mL</b> (368985) ACD		Platelet estimation on patients with known history of EDTA induced platelet clumping
	<b>10.0mL</b> (367895) Plain	<b>General Biochemistry</b>	Cardiac Markers, Troponin, U&E, LFT, Lipids, HDL, Amylase, Lipase, Magnesium, Fe Studies, Therapeutic Drugs, CRP, Vitamin D, Vitamin B12, Glucose
	<b>8.5mL</b> (367958) SST	<b>General Serology</b>	General Serology, Hormones, Hepatitis Serology, RAST, HIV
	<b>8.5mL</b> (367958) SST	<b>General Biochemistry &amp; Serology</b>	As above, however, limited therapeutic drug levels – refer to specific details in the Pathology Collection Guide for Doctors.
	<b>6.0mL</b> (367885) Lithium Heparin	<b>Biochemistry</b>	Cholinesterase (Red Cell or Plasma), Chromosome Analysis, Organophosphates
	<b>4.0mL</b> (367839) EDTA	<b>Haematology</b>	FBC, Hb, WCC, Diff, Platelets, ESR, Malarial Parasites, Retics
	<b>4.0mL</b> (367839) EDTA	<b>Biochemistry</b>	Glycated Hb (HbA1c), Lead, FEP, G6PD, Porphyrins (Red Cell)
	<b>4.0mL</b> (367839) EDTA	<b>Molecular Genetics</b>	EDTA acceptable, however separate red-rimmed EDTA preferred
	<b>6.0mL</b> (367941) EDTA	<b>Blood Bank</b>	Crossmatch, Group & Hold, Antibody Screen, Blood Group (Note: 6mL EDTA and 4mL EDTA tube required for all Crossmatches and Group & Hold)
	<b>6.0mL</b> (367941) EDTA	<b>General Serology</b>	PTH (additional plain or gel tube required as well)
	<b>4.0mL</b> (454003) Red Rimmed EDTA	<b>Flow Cytometry</b>	Lymphocyte Surface Markers (additional 4mL EDTA tube required for WCC), CD59, Paroxysmal Nocturnal Haemoglobinuria
	<b>4.0mL</b> (454003) Red Rimmed EDTA	<b>Molecular Genetics</b> (separate tube required)	Haemochromatosis, Factor V Leiden, MTHFR, PGM, HLA B27, Fragile X, Coeliac Tissue Typing
	<b>4.0mL</b> (367935) Fluoride Oxalate	<b>Biochemistry</b>	Glucose, Blood Alcohol (Medical)
	<b>Quantiferon Gold Kit – 1.0mL each</b>	<b>Immunoserology</b>	Tuberculosis
			Collect 1mL 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.

**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.**