

# Tube Guide

## Recommended order of draw

Tube	Type	Volume	Common Determinations	Instructions
	Blood Cultures	8 -10 ml	Blood Cultures – Aerobic and Anaerobic (Bactec Myco/F Lytic bottle available from microbiology for AFB/MB/MAC culture)	Thoroughly clean skin at collection site using aseptic technique, add blood to aerobic and anaerobic bottles.
	Sodium Citrate (Light Blue)	2.7 ml	APTT, INR, Coag Screen, DIC Screen, Platelet Aggregation, PFA, ATIII, Protein C+S, Factor Assays, TT, Fib, APC, DD, ELT, Lupus, Von Willebrand, Factor Inhibitors	Mix sample by gentle inversion 3-4 times. <b>Note:</b> Tube must be full draw. Do not under fill or over fill. Fill line is on the tube (not on the label).
	Hirudin (White)	3 ml	Multiplate Analysis	Mix sample by gentle inversion 8-10 times. To order a hirudin tube contact SydPath haematology (02) 8382 9146
	ACD (Yellow)	6 ml	T Cells*, T&B Cell Counts*, Lymphocyte Markers*, Peripheral Blood Flow Cytometry*, Phenotyping, Tissue Typing	Mix sample by gentle inversion 8-10 times. (* requires an additional 4 ml EDTA )
	Plain	10 ml	Amiodarone, Serotonin, Vitamin C, Cold Agglutinins, Red Cell Antibody Titres	Mix sample by gentle inversion 8-10 times.
	SST (Gold)	5 ml	UEC, LFT, Troponin, Chol, Trig, HDL, LDL, Ca, Mg, PO4, Uric Acid, Iron Studies, TFT, Ionised Calcium, Lithium, EPG, B12, Folate, Tumour Markers, Hormone Assays, Auto-Immune Serology, Viral Titres, Hepatitis Antibodies, HIV, Syphilis	Mix sample by gentle inversion 8-10 times.
	Sodium Heparin (Dark Green)	6 ml	Chromosome Studies, Karyotype, Blood Cytogenetics	Mix sample by gentle inversion 8-10 times.
	Trace Element (Navy)	6 ml	Aluminium, Chromium, Copper, Lead, Manganese, Mercury, Selenium, Zinc	Mix sample by gentle inversion 8-10 times.
	EDTA (Small Purple)	4 ml	FBC, ESR, Hb, WCC, PLT Count, Retics, Drug Assays (not Warfarin or Lithium), HbA1c, Red Cell Folate, PCR for FVL, Prothrombin gene, Malaria, DAT	Mix sample by gentle inversion 8-10 times.
	EDTA (Large Purple)	10ml	Blood Banking: Cross Match, Group and Hold, Blood Group & Antibody Screens Molecular Diagnostic Testing: Hep B PCR, Hep C PCR, CMV PCR, HIV Viral Load	Mix sample by gentle inversion 8 -10 times
	PPT (Pearl)	5 ml	Homocysteine, ACTH	Mix sample by gentle inversion 8-10 times.
	FX (Grey)	4 ml	Glucose, Lactate, Blood Alcohol	Mix sample by gentle inversion 8-10 times.
	Quantiferon Gold Kit	1 ml	TB Gold, Quantiferon	Collect 1ml of blood in each tube. Order of Draw: Red, Grey, Purple. Mix sample by gentle inversion 8 - 10 times

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

### SPECIMEN LABELLING REQUIREMENTS

- \* Specimens and request forms must be correctly, completely and legibly labelled
- \* Minimum specimen labelling requirement: **Surname, Given Name, Date of Birth**
- \* **Please note:** Incorrect or insufficient details on the specimen label or request form may require the laboratory to request a sample re-collection
- \* The specimens must match the accompanying request form
- \* X-Match, Group and Hold samples must have a signed, legible and complete blood transfusion tube label and be accompanied by a signed and completed blood transfusion request form

For a full list of tests and requirements consult the SydPath Test Data Base on our website: [www.syddpath.com.au](http://www.syddpath.com.au)