













ORDER OF DRAW–QUICK GUIDE

Hospitals / SA Pathology Collection Centres

Minimise collection volumes where clinically indicated. Consider using microtainer tubes.
 Paediatric volumes should be calculated by patient weight.

Tube/Volume	Contents	Test
SYRINGE–BLOOD GAS	Heparin	Venous blood gas analysis
 8–10mL <5mL	BD Bactec™ Aerobic Plus (blue) Anaerobic Lytic (purple) Peds Plus (pink)	Blood Cultures 8–10mL/bottle (paired bottles) <5mL (single bottle)
BLUE  2.7mL	Sodium Citrate	<i>Critical – Always check the blood is level with or above minimum fill indicator line</i> Coag Studies, INR, APTT, PT, Fibrinogen, D-Dimer Clotting Factors, Antithrombin III, Protein C, Protein S
GOLD  5mL 8.5mL	GEL	PSA, Tumour Markers, B12, Folate, EPG, Viscosity, Vitamin D, Serology, Auto antibody tests, Lithium, Infectious Diseases Serology (dedicated tube)
LIGHT GREEN / BARRICOR <i>ED USE ONLY</i>  3mL 8mL 5.5mL	Heparin+GEL	ECU, LFT, CK, LD, Ca, Phos, Creatinine, Lipase, Magnesium, Uric Acid, Lipids, Alcohol, TFT, Osmolality, Ethanol (non forensic), Troponin, Iron Studies, CRP, Therapeutic Drugs, Hormone Levels
GREEN  4mL 10mL	Heparin	Cholinesterase, Lymphocyte Surface Markers, Cytogenetics, Clozapine, Perhexiline, HLA B27, CD4, CD8, FISH/Karyotype/ Chromosomes, T Cell subsets
PINK  6mL	EDTA	Transfusion: G&S, G&M, Direct Anti-globulin(Coombs), Cord Blood, Transfusion Reaction, Antibody Screen
LAVENDER  2mL 4mL 10mL	EDTA	4ml: CBE, ESR, Haemoglobin, HbA1c, Haemoglobinopathy/ Thalassaemia Screen, Red Cell Folate, Lead, Mercury, Haemochromatosis, Cyclosporin, Tacrolimus, Renin, Factor V Leiden, Thiamine (protect from light), <i>suitable for transfusion studies</i> 10ml: Molecular Genetic Tests
PEARL  5mL 8.5mL	EDTA+GEL	Homocysteine, Ammonia, PTH Blood borne Viral PCR tests: RNA, DNA, Viral Load, Genotype
YELLOW  6mL	ACD	Tissue Typing, Platelet Clumping
TRANSLUCENT GREY  2mL	Fluoride EDTA	Glucose, Alcohol, Lactate, Ketones
GREY GREEN YELLOW PURPLE 	Quantiferon TB Kit	Tuberculosis
GREY BLUE PURPLE 	Quantiferon CMV Kit	CMV

Critical – Always check the blood level falls within the black band

