












ORDER OF DRAW–QUICK GUIDE

Hospitals

Minimise collection volumes where clinically indicated. Consider using microtainer tubes.

Paediatric volumes should be calculated by patient weight.

Tube/Volume	Contents	Test
 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  1mL 3.5mL	Sodium Citrate	<i>Critical – Always fill to minimum draw line</i> 3.5mL tube MUST be used for Unfractionated Heparin therapy Coag Studies, INR, APTT, PT, Fibrinogen, D-Dimer Clotting Factors, Antithrombin III, Protein C, Protein S
RED/WHITE  5mL 8mL	GEL (Serum - Fast Clotting)	PSA, Tumour Markers, B12, Folate, EPG, Viscosity, Vitamin D, Serology, Auto antibody tests, Lithium, Infectious Diseases Serology
GREEN/YELLOW  5mL 8mL	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/BLACK  5mL 8mL	Heparin	Cholinesterase, Lymphocyte Surface Markers, Cytogenetics, Clozapine, Perhexiline, HLA B27, CD4, CD8, FISH/ Karyotype/Chromosomes, Thiamine (protect from light), T Cell subsets
PINK  6mL	EDTA	Transfusion: G&S, G&M, Direct Anti-globulin(Coombs), Cord Blood, Transfusion Reaction, Antibody Screen
PURPLE  2mL 4mL 9mL	EDTA	4ml: CBE, ESR, Haemoglobin, HbA1c, Haemoglobinopathy/ Thalassaemia Screen, Red Cell Folate, Lead, Mercury, Haemochromatosis, Cyclosporin, Tacrolimus, Renin, Factor V Leiden 9ml: Molecular Genetic Tests
PURPLE/YELLOW  8mL	EDTA+GEL	Homocysteine, Ammonia, PTH Blood borne Viral PCR tests: RNA, DNA, Viral Load, Genotype
YELLOW  9mL	ACD	Tissue Typing, Platelet 'Clumping'
GREY  2mL 4mL	Fluoride EDTA	Glucose, Alcohol, Lactate, Ketones
GREY GREEN YELLOW PURPLE  1mL each	Quantiferon Gold Kit	Tuberculosis