


### INVERT TUBES GENTLY 8-10 TIMES IMMEDIATELY POST COLLECTION

TUBE	CONTENTS	TEST
<b>SYRINGE–BLOOD GAS</b>	<b>Heparin</b>	Venous blood gas analysis
	<b>BD Bactec™</b> Aerobic Plus (blue) Anaerobic Lytic (purple) Peds Plus (pink)	Blood Cultures 8–10mL/bottle (paired aerobic and anaerobic bottles) <5mL (single paediatric bottle)
<b>BLUE</b> 	<b>Sodium Citrate</b>	<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
<b>GOLD</b> 	<b>GEL</b>	PSA, Tumour Markers, B12, Folate, EPG, Viscosity, Vitamin D, Serology, Auto antibody tests, Lithium, Infectious Diseases Serology ( <i>dedicated tube</i> )
<b>LIGHT GREEN</b> 	<b>Heparin+GEL</b>	ECU, LFT, CK, LD, Ca, Phos, Creatinine, Lipase, Magnesium, Uric Acid, Lipids, Alcohol, TFT, Osmolality, Ethanol (non forensic), Troponin, Iron Studies, CRP, Therapeutic Drugs
<b>GREEN</b> 	<b>Heparin</b>	Cholinesterase, Lymphocyte Surface Markers, Cytogenetics, Clozapine, Perhexiline, HLA B27, CD4, CD8, FISH/Karyotype/ Chromosomes, T Cell subsets
<b>NAVY</b> 	<b>Trace Element</b>	Zinc, Copper, Selenium, Cobalt, Chromium, Lead, Mercury, Cadmium, Manganese
<b>PINK</b> 	<b>EDTA</b>	<b>Transfusion:</b> G&S, G&M, Direct Anti-globulin(Coombs), Cord Blood, Transfusion Reaction, Antibody Screen
<b>LAVENDER</b> 	<b>EDTA</b>	CBE, ESR, Haemoglobin, HbA1c, Haemoglobinopathy/ Thalassaemia Screen, Red Cell Folate, Haemochromatosis, Cyclosporin, Tacrolimus, Factor V Leiden, Thiamine (protect from light), Molecular Genetic Tests <b>10mL:</b> Infectious Diseases NAT tests ( <i>dedicated tube</i> ) <i>Suitable for transfusion studies</i>
<b>PEARL</b> 	<b>EDTA+GEL</b>	Homocysteine, Ammonia, PTH, Insulin, C-Peptide, CTX, Renin Blood borne (HIV, Hepatitis B and C) NAT tests: Viral Load, Genotype ( <i>dedicated tube for each virus</i> ) <b>5mL container mandatory for Lifeblood NAT</b>
<b>YELLOW</b> 	<b>ACD</b>	Tissue Typing, Platelet Clumping ( <i>in the event ThromboExact tube not available</i> )
<b>TRANSLUCENT GREY</b> 	<b>Fluoride EDTA</b>	Glucose, Alcohol, Lactate, Ketones
<b>GREY GREEN YELLOW PURPLE</b> 	<b>Quantiferon Gold Kit</b> Dedicated tube set	Tuberculosis  <i>Critical – Always check the blood level falls within the black band</i> 