

Label at bedside: Laboratory request form and samples must match the patient

Tube colour	Tube name	Common usage For other tests refer to the Waikato Hospital Laboratory online manual or contact the laboratory Phone: 07 839 8606	Instructions
	BLOOD CULTURES	COLLECT BLOOD CULTURES FIRST	Please take 2 sets (4 bottles, 2 x blue top, 2 x grey top)
	SODIUM CITRATE (Glass)	Coagulation. Special coag tests may require other tube types. Refer to Waikato Hospital lab online manual	Mix tube by gentle inversion 3-4 times <i>PFA requests must be walked to the laboratory</i>
	THROMBO EXACT (Plastic)	Platelet count confirmation if thrombocytopenia felt to be due to EDTA effect (CBC must be tested at the same time)	Collect EDTA for CBC Mix by gentle inversion Send to lab ambient
	CPDA (Plastic)	Tissue typing	Phone Blood Bank for tube Mix tube by gentle inversion 8-10 times
	GOLD SST (Serum Separator) (Plastic)	Virology/Serology, Immunology, Lithium, Protein Electrophoresis, PTH, P3NP, TSH Receptor Antibodies (TSI)	Mix tube by gentle inversion 5 times
	RED	Heparin Induced Thrombocytopenia (HIT) screen Preferred for Clozapine, Digoxin, and most other routine drugs	Mix tube by gentle inversion 5 times
	HEPARIN	Routine Biochemistry, FT4, TSH, FT3, Ferritin, DHEAS, Procalcitonin, PSA, Cortisol, Progesterone, LH, FSH, Testosterone, B12, Folate, SHBG, Insulin, C-Peptide, BNP, AFP, CEA, HCG, Troponin T, Lipids, Ca125, Ca15-3, Ca19-9	
	HEPARIN (Plastic)	RBC Phorphyrins, Thiamine, RBC Magnesium, RBC Reduced Glutathione, RBS Phosphorylase Kinase, Cyanide, Chromosome Studies ( <b>MUST</b> me separate tube), NAP (neutrophil alkaline phosphatase), Carboxyhaemoglobin	Mix tube by gentle inversion 8-10 times
	EDTA (Plastic)	CBC, Reticulocytes, CD4, Direct Coombs, ACTH, Ammonia, HbA1c, Homocysteine, Cyclosporin, Haemoglobinopathy studies, Complement Activation, PRA (Renin), Tacrolimus	<i>Homocysteine, ACTH, and Ammonia, must be transported on ice, and the lab notified</i> Mix tube by gentle inversion 8-10 times
	EDTA CROSS-MATCH (Plastic)	7ml EDTA tube for Cross match, Direct Coombs Tube label <b>MUST</b> be hand-written and signed	Mix tube by gentle inversion 8-10 times
	EDTA White	Viral loads – Hep B, Hep C, HIV RNA and DNA studies ( <b>MUST</b> be separate tube), PCR	Mix tube by gentle inversion 8-10 times
	EDTA TRACE ELEMENT (Plastic)	Trace Metals – Zinc, Copper, Aluminium, Lead, Cobalt, Chromium, Manganese, and Selenium	Ring lab to obtain tube. Mix tube by gentle inversion 8-10 times
	FLUORIDE OXALATE	Glucose Lactate (must be transported on ice)	Mix tube by gentle inversion 8-10 times <i>Lactate must be transported on ice and the laboratory notified</i>
	ESR	ESR	Mix tube by gentle inversion 8-10 times Ensure blood runs the length of the tube with each inversion
	QuantIFERON Gold	QuantIFERON TB Gold	Tubes available from Phlebotomists. 1ml only (volume is critical) into each of the tubes in sequence: grey, green, yellow, purple. Tubes draw slowly. Invert 10 times, ensure the tube surface is coated. Transport at room temperature
	Blood gas syringe (Heparin)	Blood gases, co-oximetry	Remove air immediately after collection Mix by inversion several times