

Order of Draw Tube Guide for Thames and Taumarunui Hospitals

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 handbook or contact the laboratory Phone: 07 839 8606	Instructions
		COLLECT BLOOD CULTURES FIRST	
	SODIUM CITRATE (Glass)	Coagulation. Special coag tests may require other tube types. Refer to Waikato Hospital lab handbook	Mix tube by gentle inversion 3-4 times.
	CPDA (Plastic)	Tissue typing	Phone Blood Bank for tube. Mix tube by gentle inversion 8-10 times.
	GOLD SST (Serum Separator) (Plastic)	Troponin T, Routine Biochemistry, Routine Endocrinology, Virology, Immunology, Lithium, Protein Electrophoresis, Tumour Markers	Mix tube by gentle inversion 5 times.
	RED	Clozapine and other routine drugs	Mix tube by gentle inversion 5 times.
	HEPARIN (Plastic)	RBC Porphyrins, Carboxyhaemoglobin, Methaemoglobin, Thiamine Chromosome studies (MUST be separate tube)	Mix tube by gentle inversion 8-10 times.
	QuantiFERON Gold	QuantiFERON TB Gold	Tubes available from Phlebotomists. 1 ml only (volume is critical) into each of the tubes in sequence: grey, green, yellow, purple. Tubes draw slowly. Invert 10 times, ensure tube surface is coated. Transport at room temperature.
	EDTA (Plastic)	Blood counts, Reticulocytes, CD4, Direct Coombs, ACTH, PRA, Ammonia, Lead, HbA1c, Homocysteine, Cyclosporin, FK506. Haemoglobinopathy Studies Complement Activation RNA and DNA studies (MUST be separate tube)	<i>Homocysteine, ACTH and Ammonia must be transported on ice, and the lab notified.</i> Mix tube by gentle inversion 8-10 times.
	EDTA TRACE ELEMENT (Plastic)	Heavy Metals – Zinc, Copper, Aluminium, Manganese and Selenium.	Ring lab to obtain tube. Mix tube by gentle inversion 8-10 times.
	EDTA CROSS-MATCH (Plastic)	7 ml EDTA tube for Cross match Tube label MUST be hand-written and signed	Mix tube by gentle inversion 8-10 times.
	Fluoride Oxalate (Plastic)	Glucose, Lactate (MUST be transported on ice)	Lactate must be transported on ice and the lab notified. Mix tube by gentle inversion 8-10 times.
	ESR	ESR	Mix tube by gentle inversion 8-10 times. Ensure the blood runs the length of the tube with each inversion.
	Blood gas syringe (Heparin)	Blood gases, co-oximetry	Collect anaerobically. Remove air immediately after collection. Mix for 20 seconds.