

# Order of Draw Tube Guide for Te Kuiti and Tokoroa 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 online manual or contact the laboratory	Instructions
		COLLECT BLOOD CULTURES FIRST	
	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.
	CPDA (Plastic)	Tissue typing	Phone Blood Bank for tube. Mix tube by gentle inversion 8-10 times.
	GOLD SST (Serum Separator) (Plastic)	Routine Biochemistry, Routine Endocrinology, Viral serology, 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)	Troponin T, RBC Porphyrins, AQT, D-Dimer, CRP, Thiamine, Chromosome studies (MUST be separate tube)	Mix tube by gentle inversion 8-10 times.
	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 White	Viral loads – Hep B, Hep C, HIV	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.
	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, lactate	Remove air immediately after collection. Mix by inversion several 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.