

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