

Medlab Pathology Collection Chart and Order of Draw

STOPPER COLOUR & ORDER OF DRAW	TUBE DESCRIPTION	COMMON USE	SPECIAL INSTRUCTIONS
	Blood Cultures	Blood Culture	<p>Adult: Aerobic (green) bottle MUST be collected first then Anaerobic (orange). 10 ml blood in each bottle required.</p> <p>Paediatric: Yellow bottle only. 5 ml blood required.</p> <p>Mix the blood and media carefully by swirling.</p> <p>Use butterfly needle always.</p> <p>Refer to Collection Procedure and Policy Manual for collection details.</p>
	Coag tube 3.2% Sodium Citrate	<p>Coagulation Studies: PT, INR, APTT, Coagulation studies (PT, APTT), D Dimer, Fibrinogen.</p> <p>Others: Lupus Anti-coagulant, Protein C and S (5 tubes) Activated Protein C Resistance-APCR (2 tubes) Factor assays (5 tubes)</p>	<p>Mix well gently. 1.8 ml only please. The vacuum is set to deliver 1.8ml only this is the correct ratio of blood/sodium citrate solution.</p> <p>NOTE: When using a winged blood collection set for venepuncture a separate sodium citrate tube is drawn and DISCARDED to allow for elimination of dead space within tube.</p> <p style="color: red;"><i>MIX SAMPLE GENTLY 8 - 10 TIMES</i></p>
	Plain Clot Tube	<p>Clinical Chemistry: Cryoglobulins, Epilim/Valproate, Lithium, Clozapine, Digoxin, Phenytoin and other therapeutic drugs.</p> <p>(Cryoglobulins requires 2 tubes)</p>	<p>Specify on Request Form date and time of last dose (Cryoglobulins Mon-Thu collection, done only at the Lab Collection Room)</p> <p style="color: red;"><i>MIX SAMPLE GENTLY 8 - 10 TIMES</i></p>
	Serum gel SST	<p>Clinical Chemistry: Routine Biochemistry analysis. (LFT, EUC, TFT, Chol and Trigs, HDL, Cardiac Enzymes, Amylase, CRP, Iron Studies etc.).</p> <p>Vitamins A, E, C and K</p> <p>Serology/Immunology/Endocrinology: (ENA, DNA, TGAB etc), Hormones, Anticardiolipin Antibodies</p>	<p style="color: red;"><i>MIX SAMPLE GENTLY 8 - 10 TIMES</i></p> <p>Then stand for 15 minutes before centrifuging</p> <p>Tubes for vitamins should be shielded from the light and wrapped in aluminium foil.</p>
	E.D.T.A. tube	<p>Haematology: FBC, ESR, WCC, Diff, Platelets, Malarial Parasites, HbEPG, Reticulocyte count. Blood Group Rh Antibodies (2 tubes), Factor V Leiden Gene Mutation and Prothrombin Gene Mutation test, Fragile X (2 tubes).</p> <p>Clinical Chemistry: HbA1c (Glycosylated Haemoglobin) Heavy Metals, (2 tubes), Red Cell Folate, HLAB27, Haemochromatosis Gene analysis (2 tubes)</p> <p>Molecular: HBV-DNA, Hep C RNA (2 tubes)</p>	<p style="color: red;"><i>MIX SAMPLE GENTLY 8 - 10 TIMES</i></p>
	Glucose tube Sodium fluoride	Clinical Chemistry: Glucose testing, GTT, Glucose load tests	<p>Mix well gently. Please specify on form if fasting or non-fasting and any glucose load given to patient.</p> <p style="color: red;"><i>MIX SAMPLE GENTLY 8 - 10 TIMES</i></p>
	Heparin tube Lithium Heparin	<p>Cytogenetics (Chromosomes)</p> <p>HLADR Detection (Mon – Thu only)</p>	<p>Room Temp.</p> <p style="color: red;"><i>MIX SAMPLE GENTLY 8 - 10 TIMES</i></p>
	ACD tube	T Cell (1 ACD & 1 EDTA)	<p>Mon - Thu only. Room Temp.</p> <p style="color: red;"><i>MIX SAMPLE GENTLY 8 - 10 TIMES</i></p>
	Navy Blue Trace Metal	Zinc	<p style="color: red;"><i>MIX SAMPLE GENTLY 8 - 10 TIMES</i></p>