








## ORDER OF DRAW - TUBE GUIDE

Tubes are listed in the recommended order of draw (NOTE: Blood cultures are drawn first)

Tube & Colour	Determinations	Notes
 Sodium Citrate 2.7mL	<b>Coagulation</b>  INR, INRD, APTT, Protein S, Protein C, Lupus Anticoagulant (x2 tubes), , Coagulation Studies, D-Dimer, Clotting Factors, FXA, VWD studies	<b>Allow tube to fill to completion as the ratio of Blood to Anticoagulant is critical.</b>  When a winged blood collection set (Butterfly) is used and a Citrate tube is first to be drawn, a discard (non-additive) tube should be used to remove 'dead space' in tubing prior to collection.
 Serum Separator (Gel) 8mL	<b>General Biochemistry</b>  General Biochemistry Tests (LFT, UE&C's, CRP, Vit. D etc.), Lipid Studies (Chol, Trigs, HDL), Cardiac Enzymes, Troponin, TSH & TFT's, Most Therapeutic Drugs, Antibiotic Assays, Vitamin B12, Folate	<b>Troponin</b> – NB: A lithium Heparin tube is required for Troponin on inpatients and patients receiving anticoagulant therapy  All <b>Viral Load</b> tests must have a dedicated tube.
	<b>Serology</b>  Hepatitis, EBV, CMV, Syphilis, Rubella, Toxoplasmosis, Varicella Zoster, Viral & Microbial Serology (HSV, HIV (Microbial only <b>NOT</b> Viral Load)), Autoimmune Serology	
 Lithium Heparin (Gel) 8mL	<b>Biochemistry</b>  C-Peptide, Insulin ( <i>Refrigerate and Transport at 4°C. DO NOT FREEZE.</i> )  <b>St Vincent's Hospital ED, ICU and CCU Patients AND Patients on anti-coagulant therapy:</b> General Biochemistry Tests (i.e. LFT, U&E's, CRP, Troponin etc.)	
 EDTA 4mL	<b>Haematology</b>  FBE (Hb, WCC, Diff, Platelets), Blood film, Reticulocytes, ESR, Direct Coombs Test, HLA-B27, Cell Markers (Lymphocyte Markers), T-Cell Subsets (CD4 Count), Red Cell Folate, Platelet Associated Immunoglobulin (x2 tubes)	
	<b>Biochemistry</b>  HbA1c, Hb Electrophoresis, Cyclosporin, Tacrolimus, Sirolimus, Flecainide, Amiodarone, Perhexiline	
	<b>Molecular Genetics</b>  Haemochromatosis, Factor V Leiden, Prothrombin and JAK2 Gene analyses, Thalassaemia gene analysis	
 EDTA 6mL	<b>Blood Bank</b>  Cross Match, Blood Group & Antibody Screen	Hand written labelling and collector signature is required on this tube.  Blood Bank Laboratory will not accept printed labels.
	<b>Biochemistry</b>  CTX, P1NP	
 Fluoride Oxalate 2mL	<b>Biochemistry</b>  Glucose, Glucose Tolerance Test, Glucose Challenge Test, Alcohol, Lactate.	<b>Important:</b> Allow tube to fill to completion
 ACD 6mL	<b>Genetic Typing &amp; Viral Load</b>  HLA Typing, HIV Viral Load	
 Quantiferon Gold Kit 1mL Each	<b>Immunoserology</b>  QFG (Tuberculosis Screen)	Collect 1 mL in each tube.

**ALWAYS LABEL TUBES LEGIBLY -**

-Surname    -Date of birth    -Date    -Collector's initials  
-First name    -Gender (M or F)    -Time

**HAZARD WARNING:**

Never inject blood into the tube from needle and syringe.

**NOTE:**

Mix all tubes by gentle, figure of eight inversion