




Tube Type and Order	Common Tests	Collection Instructions
 Blood Cultures	<p>Microbiology: Septicemia, Toxaemia and bacterial culture.</p>	<p>Aerobic (green) bottle MUST be collected first then Anaerobic (Orange). Paediatric Collection- Yellow bottle only Mix the specimen with gentle agitation. Label bottles with Patient's full name, date of birth, date & time of collection and bar code. Store at Room Temperature.</p>
 Sodium Citrate (BLUE)	<p>Haematology : Prothrombin times, Coagulation Studies, INR, Factor VIII, Lupus Anticoagulant, D-Dimer, Protein C+S, APC, AT3, PFA100 (Platelet Function Test)</p>	<p>Note: Correct volume critical. See marker level on tube INVERT tube GENTLY 6-8 times after collection. Always label tubes with Patient's full name, date of birth, date & time of collection and bar code</p>
 ACD (YELLOW)	<p>Special Test: HLA Tissue Typing, Flow Cytometry, (Lymphocyte Surface Markers, T&B Cells), HLAB27. (EDTA PURPLE must accompany this tube)</p>	<p>Note : Correct volume critical INVERT tube GENTLY 6-8 times after collection Always label tubes with Patient's full name, date of birth, date & time of collection and bar code</p>
 Plain (RED)	<p>Blood Bank : Group and Hold, Cross Match Biochemistry : Therapeutic Drugs and Antibiotics, Serum Copper</p>	<p>Collector MUST sign tubes INVERT tube GENTLY 6-8 times after collection Always label tubes with Patient's full name, date of birth, date & time of collection and bar code.</p>
 SST (GOLD)	<p>Biochemistry : Lipids, LFT's U/E, Creatinine, SUA, Cardiac Enzymes (Main Lab & Centaur sites only) Amylase, Calcium, Phosphate, Ionised Calcium, , Protein Assays, TFT, βHCG (Main Lab & Centaur sites only), Iron Studies, C Reactive Protein, B 12, PSA, Insulin Endocrinology – Hormones Serology/Immunology: Hepatitis A, B, C, Allergy, Rubella, Rheumatoid Factor, EPG, HIV, ANA, Viral antibodies, Syphilis.</p>	<p>Collect extra tube for Hepatitis Serology or HIV Collect extra tube for Endocrinology Collect dedicated tube for Ionised Calcium- Seal and do not open prior to testing For Creatinine Clearance: Collect tube when 24hr urine is collected. Always label tubes with Patient's full name, date of birth, date & time of collection and bar code</p>
 Lithium Heparin (GREEN)	<p>Cytogenetics, Biochemistry : Cholinesterase, Red cell & Insecticide - Organochlorines</p>	<p>INVERT tube GENTLY 6-8 times after collection Always label tubes with Patient's full name, date of birth, date & time of collection and bar code</p>
 EDTA (PINK)	<p>Molecular Diagnostics Infectious PCR Testing : Hep C PCR (Qual) / Hep C RNA, HIV Viral Load, Hep C Genotype / Hep C (Quant) / Viral Load. Hep B (Quant) / Hep B Viral Load / Hep B DNA PCR. Non-Infectious Genetic Testing : Haemochromatosis gene test, Factor V Leiden genotyping, Prothrombin Gene Mutation, MTHFR Genotyping, JAK2 Mutation, MPL, Coeliac Gene testing, Alpha1-Antitrypsin Gene testing, APO E</p>	<p>Infectious PCR Testing : Collect one tube/test. Mix well after collection by inverting GENTLY 5-6 times then, Centrifuge, separate plasma and freeze. Non-Infectious Genetic Testing : Keep as whole blood and mix well after collection by inverting GENTLY 6-8 times. Refrigerate (2-8 C) after collection. Always label tubes with Patient's full name, date of birth, date & time of collection and bar code</p>
 EDTA (PURPLE)	<p>Haematology : FBC, Blood Film, Hb, WCC, Diff, Platelets, Hb Electrophoresis(EPG), Glycated Hb (HbA_{1c}), T&B Cells, ESR, Malaria Parasites (Thick & Thin Films), IM (Infectious Mononucleosis) Biochemistry : Red cell Folate, Carboxy-Hb, Manganese, Ammonia, Homocysteine, Troponin / Beta HCG (AQT90 – Regional and Perth peripheral labs) Blood Bank : Cross Match, Group and Hold, Blood Group Antibody Screen</p>	<p>INVERT tube GENTLY 6-8 times after collection Always label tubes with Patient's full name, date of birth, date & time of collection and bar code</p>
 TRACE ELEMENT EDTA (DARK BLUE)	<p>Special Chemistry: Trace Metals including: Zinc Lead, Cadmium, Aluminum, Selenium, Copper, Arsenic, Mercury, Cobalt, Chromium. If 3 or more trace metals requested collect 2 tubes</p>	<p>INVERT tube GENTLY 6-8 times after collection Always label tubes with Patient's full name, date of birth, date & time of collection and bar code</p>
 Fluoride Oxalate (GREY)	<p>Biochemistry : Glucose, Alcohol, Lactate</p>	<p>INVERT tube GENTLY 6-8 times after collection Always label tubes with Patient's full name, date of birth, date & time of collection and bar code</p>
 ESR (BLACK)	<p>Haematology: ESR (Regional labs only).</p>	<p>Note: ESR tubes must be full draw volume. INVERT tube GENTLY 6-8 times after collection Always label tubes with Patient's full name, date of birth, date & time of collection and bar code.</p>