

1.1 PATHOLOGY TEST INFORMATION

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|--|-----------------|--------|---|
| 1,25 DIHYDROXYCHOLECALCIFEROL | CHEM(SEND AWAY) | 6 mL | SST, SEPARATE AND FREEZE WITHIN 2 HOURS |
| 11-DEOXY-CORTISOL (COMPOUND S) | CHEM(SEND AWAY) | 6 mL | SST OR HEPARIN |
| 17 ALPHA-HYDROXYPROGESTERONE (17-OH-P, 17-OH-PROGESTERONE) | CHEM | 6 mL | SST OR HEPARIN |
| 25-OH-D3 (25-HYDROXYCHOLECALCIFEROL) | CHEM | 6 mL | SST |
| 3-OH BUTYRATE | CHEM(SEND AWAY) | | See FREE FATTY ACIDS |
| 5HIAA | CHEM | 10mL | 24 HOUR URINE COLLECTION, PRESERVED WITH 25ML GLACIAL ACETIC ACID |
| 7-DEHYDROCHOLESTEROL | CHEM(SEND AWAY) | 6 mL | SST OR HEPARIN PROTECT FROM LIGHT |
| A | | | |
| A1AT | CHEM | | See ALPHA-1-ANTITRYPSIN |
| AB'S RH ANTENATAL | TRANS | 6 mL | EDTA |
| AB'S RUBELLA | VIRO | 10 mL | PLAIN |
| ABORTUS ANTIBODIES | VIRO | 10 mL | PLAIN |
| ACA | IMMUNO | 6 mL | SST |
| ACANTHOCYTES | HAEM | 3 mL | EDTA (BLOOD FILM) |
| ACE (ANGIOTENSIN CONVERTING ENZYME) | CHEM | 6 mL | SST |
| ACETYL-CHOLINE RECEPTORS | IMMUNO | 6 mL | SST |
| ACETYLCHOLINESTERASE | CHEM(SEND AWAY) | 6 mL | SST |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|--|------------------|--------------|---|
| ACH RECEPTOR AB'S | IMMUNO | 6 mL | SST |
| ACID PHOSPHATASE | CHEM | 6 mL | SST, NOW GET PSA |
| ACLA | IMMUNO | 6 mL | SST |
| ACTH | CHEM | | See ADRENO-CORTICOTROPHIC HORMONE |
| ACTIONABLE SOLID ORGAN PANEL | MOL PATH | NA | FFPE SCROLLS |
| ADH | CHEM (SEND AWAY) | 3 mL or 6 mL | EDTA OR HEPARIN STRAIGHT TO LAB, SEPARATE & FREEZE WITHIN 30 MINS |
| ADRENAL AB'S | IMMUNO | 6 mL | SST |
| ADRENO-CORTICOTROPHIC HORMONE (ACTH) | CHEM | 3 mL | EDTA, SEPARATE THEN FREEZE WITHIN 24HOURS |
| AF 508 DELETION | SALISBURY | 20 mL | 2 x 10 mL EDTA |
| AFP (ALPHA FETO PROTEIN) MATERNAL 16-18WKS | | | TEST NOT AVAILABLE |
| AFP (ALPHA FETO PROTEIN) TUMOUR MARKER | CHEM | 6 mL | SST |
| AGAD | IMMUNO | 6 mL | SST |
| ALBUMIN | CHEM | 6 mL | SST |
| ALCOHOL (C2H5OH) | CHEM | 5 mL | FLUORIDE OXALATE |
| ALDOLASE | CHEM | | NO LONGER AVAILABLE; CK INSTEAD |
| ALDOSTERONE (WITHOUT RENIN) | CHEM | 3 mL | SST/EDTA PLASMA/ LI HEP PLASMA |
| ALK PHOS (ALKALINE PHOSPHATASE/ALP) | CHEM | 6 mL | SST |
| ALK PHOS ISOENZYMES (API) | CHEM | 6 mL | SST |
| ALKALINE PHOSPHATASE | CHEM | 6 mL | SST |
| ALLERGENS (RAST) | IMMUNO | 6 mL | SST |
| ALPHA-1-ANTITRYPSIN (A1AT) | CHEM | 6 mL | SST |
| ALPHA-1-ANTITRYPSIN (A1AT) GENOTYPE | SALISBURY | 5 mL | EDTA |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|---|-----------------|--------|--|
| ALPHA-1-ANTITRYPSIN PHENOTYPE | CHEM | 6 mL | SST |
| ALTERNATIVE COMPLEMENT PATHWAY ASSAY (AP50) | IMMUNO | 6 mL | SST. NEEDS TO BE FROZEN BY LAB WITHIN 6 HOURS OF TAKING |
| ALUMINIUM | TRACE METALS | 6 mL | GREINER VACUETTE TRACE ELEMENTS SODIUM HEPARIN |
| AMINO ACIDS (PLASMA) | CHEM | 2 mL | SST/ Li HEPARIN. |
| AMINO ACIDS (URINE) | CHEM | 2mL | RANDOM URINE |
| AMINOPHYLLINE (THEOPHYLLINE) | CHEM | 6 mL | SST – COLLECT TROUGH LEVEL - RECORD TIME OF LAST DOSE & TIME BLOOD TAKEN |
| AMIODARONE | CHEM(SEND AWAY) | 6 mL | SST/ Li HEPARIN. |
| AMMONIA (NH3) | CHEM | 3 mL | EDTA, ARRANGE WITH LAB FIRST, SEPARATE WITHIN 20 MINS |
| AMOEBIASIS | VIRO | 10 mL | PLAIN |
| AMOEBIRIS | VIRO | 10 mL | PLAIN |
| AMYLASE | CHEM | 6 mL | SST |
| ANA | IMMUNO | | See ANTI-NEUTROPHIL AB'S |
| ANCA (ANTI-NEUTROPHIL CYTOPLASMIC AB'S) | IMMUNO | 6 mL | SST |
| ANDROSTENEDIONE (4-A-DOPME, 4, AD) | CHEM | 6 mL | SST |
| ANF WITH DNA | IMMUNO | 6 mL | SST |
| ANF. RA LATEX TA | IMMUNO | 6 mL | SST |
| ANTENATAL GROUP (inc Rh) & ANTIBODY SCREEN | TRANS | 6mL | EDTA (PLEASE REFER TO BLOOD POLICY FOR LABELLING CRITERIA) |
| ANTENATAL SPECIFIC ANTIBODY INVESTIGATION e.g. ANTI-c, ANTI-D, ANTI-K etc | TRANS | 6mL | EDTA (PLEASE REFER TO BLOOD POLICY FOR LABELLING CRITERIA) |
| ANTI - Xa | COAG | 2.7 mL | 2 x CITRATE, STRAIGHT TO LAB |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|---|--------|--------|---|
| ANTI D-NASE B | VIRO | 10 mL | PLAIN |
| ANTI PHOSPHOLIPID AB'S | IMMUNO | 6 mL | SST |
| ANTI POTASSIUM CHANNEL | IMMUNO | 6 mL | SST |
| ANTI SS-A OR SS-B | IMMUNO | 6 mL | SST |
| ANTI VGCC | IMMUNO | 6 mL | SST |
| ANTI-ACETYL CHOLINE AB'S | IMMUNO | 6 mL | SST |
| ANTIBODY TITRE (anti-A, anti-B) | TRANS | 6mL | EDTA (PLEASE REFER TO BLOOD POLICY FOR LABELLING CRITERIA |
| ANTI-CARDIOLIPIN AB'S | IMMUNO | 6 mL | SST |
| ANTI-CERTROMERE | IMMUNO | 6 mL | SST |
| ANTI-DNA NUCLEAR FACTOR | IMMUNO | 6 mL | SST |
| ANTI-ENDOMYSIAL ABS | IMMUNO | 6 mL | SST |
| ANTI-GLIADINS | IMMUNO | 6 mL | SST |
| ANTI-GLOBULIN TEST (DCT) | TRANS | 6 mL | EDTA WRITE ALL DETAILS ON TUBE |
| ANTI-GLOMERULAR BASEMENT MEMBRANE | IMMUNO | 6 mL | SST |
| ANTI-HB'S | NHSBT | 10 mL | PLAIN |
| ANTI-NEURONAL ANTIBODIES | IMMUNO | 6 mL | SST |
| ANTI-NEUTROPHIL AB'S | IMMUNO | 6 mL | SST |
| ANTI-NEUTROPHIL CYTOPLASMIC AB'S (ANSA) | IMMUNO | 6 mL | SST |
| ANTI-NUCLEAR FACTOR (ANTI NUCLEAR AB'S) | IMMUNO | 6 mL | SST |
| ANTI-PHOSPHOLIPID AB'S | IMMUNO | 6 mL | SST |
| ANTI-PLATELET AB'S | TRANS | | See PLATELET IMMUNOLOGY |
| ANTI-RIBONUCLEO PROTEIN A (ANTI-RNA) | IMMUNO | 6 mL | SST |
| ANTI-SALIVARY GLAND AB'S | IMMUNO | 6 mL | SST |
| ANTITHROMBIN | COAG | 2.7 mL | CITRATE-STRAIGHT TO LAB |
| ANTI-TRANSGLUTAMINASE | IMMUNO | 6 mL | SST |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|--|-----------|--------|--|
| APTR | COAG | 2.7 mL | CITRATE |
| AQUAPORIN ANTIBODY | IMMUNO | 6 mL | SST |
| ARSENIC | CHEM | 6mL | GREINER VACUETTE TRACE ELEMENTS SODIUM HEPARIN |
| ARSENIC (URINE) | CHEM | 10mL | 30ML UNIVERSAL CONTAINER |
| ASOT | VIRO | 10 mL | PLAIN |
| ASPERGILLUS PRECIPITINS | IMMUNO | 6 mL | SST |
| AST | CHEM | 6 mL | SST |
| ATYPICAL PNEUMONIA TITRES | VIRO | 10 mL | PLAIN |
| AUSTRALIA ANTIGEN (HAA) | VIRO | 10 mL | PLAIN, HEPATITIS RISK: BAG & SEAL |
| AUTO ANTIBODY PROFILE | IMMUNO | 6 mL | SST |
| AUTO HAEMOLYSIS | SPEC HAEM | 6 mLx2 | HEPARIN, BY APPOINTMENT, TAKE ASEPTICALLY |
| AUTOIMMUNE PROFILE (AIP) | IMMUNO | 6 mL | SST |
| AVIAN PRECIPITINS/PIGEON FANCIERS LUNG | IMMUNO | 6 mL | SST |
| B | | | |
| B12 AND/OR SERUM FOLATE | CHEM | 6 mL | SST |
| B2 GLYCOPROTEIN 1 (B2GP1) | IMMUNO | 6 mL | SST |
| B2 MICROGLOBULIN | IMMUNO | 6 mL | SST + 2 mL EDTA |
| B2 MICROGLOBULIN-URINE | IMMUNO | 10 mL | UNIVERSAL |
| B27 | | | See HLA B27 |
| BARBITURATES | CHEM | 6 mL | RANDOM URINE |
| BARIUM | CHEM | 6mL | HEPARIN or PLAIN |
| BCR – ABL TRANSCRIPTS | MOL PATH | 4X6 mL | EDTA, SEND STRAIGHT TO LAB (OR STORE AT 4°C) |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|---|------------------|--------|---|
| BEHCETS (HLA B51) | MOL PATH | 6 mL | EDTA, WRITE ALL DETAILS ON THE TUBE sendaway to Tooting |
| BENCE JONES PROTEIN (BJP) | IMMUNO | 6 mL | SST + URINE (IF 24 HOUR URINE, THEN PRESERVED WITH THYMOL) |
| BETA ALBUMIN & GLOBULIN | IMMUNO | 6 mL | SST |
| BETA-2 URINE | IMMUNO | | RANDOM URINE |
| BETA-CAROTENE | CHEM (SEND AWAY) | 6 mL | SST/LI HEP (SEPARATE AND FREEZE IMMEDIATELY AFTER COLLECTION) |
| BHCG (Beta-HCG, HUMAN CHORIONIC GONADOTROPHIN, HCG) | CHEM | 6 mL | SST |
| BICARBONATE | CHEM | 6 mL | SST |
| BILE ACIDS (BILE SALTS) | CHEM | 6 mL | SST or PLAIN |
| BILHARZIA | VIRO | 10 mL | PLAIN, MARK TUBE "VIROLOGY SGH" SUBSEQUENTLY SENT TO LONDON SCHOOL OF TROPICAL MEDICINE |
| BILIRUBIN | CHEM | 6 mL | SST |
| BIOCHEMISTRY SCREEN | CHEM | 6 mL | SST |
| BIOGENS (INTERFERON TEST) | | 10 mL | PLAIN. LAB HAS TO LET SPEC STAND FOR ½ HOUR THEN FREEZE FOR 1 HOUR THEN SENT IT TO GENEVA |
| BIOPTERINS | CHEM (SEND AWAY) | 6 mL | BLOODSPOTS MADE FROM LI HEP WHOLE BLOOD |
| BIOTIDINASE | CHEM (SEND AWAY) | 6 mL | LITHIUM HEP (SPIN, SEPARATE AND STORE AT -20C |
| BLEEDING TIME | COAG | | REFER TO LAB |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|------------------------------|------------------|-----------|---|
| BLOOD CULTURES | MICRO | 2 x 10 mL | SPECIAL CULTURE BOTTLES |
| BONE BIOCHEMISTRY | CHEM | 6mL | SST |
| BONE MARROW ON BLUE FORM | IMMUNO | | |
| BONE MARROW ON SALISBURY | RECEPTION | | |
| BONE MARROW ON WHITE FORM | HISTO/HAEM | | Bone marrows all get diverted to Haem who sort them out |
| BONE MARKERS (P1NP / CTX) | CHEM (SEND AWAY) | | EDTA PLASMA (PATIENT MUST BE FASTING FOR CTX) |
| BORRELIA A/B (LYMES DISEASE) | VIRO | 10 mL | PLAIN |
| BRCA ½ GENE | SALISBURY | | PLAIN OR HEPARIN |
| BRUCELLA | VIRO | 10 mL | PLAIN, HEPATITIS RISK: BAG & SEAL |
| BULLOUS ANTIBODIES | IMMUNO | 6 mL | SST |
| C | | | |
| C1 ESTERASE FUNCTIONAL | IMMUNO | 6ML | SST NEEDS FREEZING WITHIN 6 HOURS |
| C1 ESTERASE INHIBITOR | IMMUNO | 6 mL | SST |
| C1NH + FUNCTIONAL ASSAY | IMMUNO | 6 mL | SST |
| C2H5OH (ALCOHOL) | CHEM | 5 mL | FLUORIDE OXALATE, MARK TUBE IN RED "C ₂ H ₅ OH" |
| C3 NEPHRITIC FACTOR/C3NF | IMMUNO | 6 mL | SST NEEDS FREEZING WITHIN 6 HOURS |
| C3/C4 | IMMUNO | 6 mL | SST |
| C3B | IMMUNO | 6 mL | SST, FREEZE |
| C3D | IMMUNO | 6 mL | SST |
| CA 125 | CHEM | 6 mL | SST |
| CA 15-3 | CHEM (SEND AWAY) | 6 mL | SST |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|--|---------------|--------------|--|
| CA 19-9 | CHEM | 6 mL | SST |
| CADMIUM (Cd) | TRACE METALS | 6mL | GREINER VACUETTE TRACE ELEMENTS SODIUM HEPARIN |
| CAERULOPLASMIN | CHEM | 6 mL | SST |
| CALCITONIN | CHEM | 6 mL | SST OR HEPARIN, FASTING. SEPARATE AND FREEZE WITHIN 10 MINS. |
| CALCIUM + ALKALINE PHOSPHATASE | CHEM | 6 mL | SST, NO STASIS |
| CANDIDA A/B | MICRO | 10 mL | PLAIN |
| CARBEMAZIPINE (TEGRETOL) | CHEM | 6 mL | SST-collect trough level |
| CARBON MONOXIDE | CRIT CARE LAB | | AS CARBOXYHAEMAGLOBIN |
| CARBOXYHAEMOGLOBIN (COHb) | CRIT CARE LAB | 6 mL | HEPARIN, FULL TUBE, NO AIR |
| CARDIAC ENZYMES: CK (CREATINE KINASE) | CHEM | 6 mL | SST |
| CARDIOLYPIN | IMMUNO | 6 mL | SST |
| CARNITINE (also 'acyl carnitines') | CHEM | | CHECK, MAY NEED BLOODSPOTS |
| CASONI | MICRO | 10 mL | PLAIN |
| CATALASE | MICRO | 10 mL | PLAIN |
| CCP/ ANTI CCP | IMMUNO | 6 mL | SST |
| CD19 | IMMUNO | 3 mL | EDTA |
| CD25 & CD30 | IMMUNO | 10 mL | PLAIN FAO FRED A STEVENSON |
| CD4, CD8 (CELL MARKERS) | IMMUNO | 10 mL | EDTA+ 2 mL EDTA FBC FOR HAEM |
| CDT (CARBOHYDRATE DEFICIENT TRANSFERRIN) | | | NOT AVAILABLE |
| CEA (CARCINO-EMBRYONIC ANTIGEN) | CHEM | 6 mL | SST |
| CELL MARKERS | IMMUNO | 6 mL + 10 mL | HEPARIN + EDTA |
| CH50 PART OF COMPLEMENT | IMMUNO | 6 mL | SST. NEEDS TO BE FROZEN BY LAB WITHIN 6 HOURS |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|-------------------------------|------------------|----------------|--|
| CHIMAERISM (LINEAGE SPECIFIC) | MOL PATH | 4X6ML | CAN ONLY BE REQUESTED BY BMT TEAM AFTER DISCUSSION WITH LAB |
| CHIMERISM | MOL PATH | 6mL | EDTA |
| CHLORHEXIDINE | IMMUNO | 6 mL | SST |
| CHLORIDE (Cl) | CHEM | 6 mL | SST |
| CHOLECALCIFEROL | CHEM | 6mL | SST |
| CHOLESTEROL | CHEM | 6 mL | SST |
| CHROMIUM | CHEM | 6mL | GREINER VACUETTE TRACE ELEMENTS SODIUM HEPARIN |
| CHROMOGRANIN A | CHEM (SEND AWAY) | 6mL | EDTA. PATIENT MUST BE FASTING. SEPARATE AND FREEZE WITHIN 30 MINS. |
| CHROMOGRANIN B | CHEM (SEND AWAY) | 6mL | EDTA. PATIENT MUST BE FASTING. SEPARATE AND FREEZE WITHIN 30 MINS. |
| CHROMOSOMES - KARYOTYPE | RECEPTION | 6 mL | HEPARIN, OWN CARD, DOB ON TUBES (RED BAND CARD) |
| CHUGAI TRIAL - CD 34: CFU-GM | STEVE MILLS LAB | 4.5 mL + 10 mL | EDTA + MEM BOTTLE |
| CHYLE | CHEM | | FLUID SAMPLE IN PLAIN BOTTLE |
| CK (CREATINE KINASE) | CHEM | 6 mL | SST |
| CLONALITY TESTING | MOL PATH | 6 mL | EDTA PB/BM (various for other specimens please contact lab) |
| CLOTTING SCREEN | COAG | 2.7 mL | CITRATE |
| CMV | VIRO | 10 mL | PLAIN |
| CMV ANTIGEN | | | NO LONGER AVAILABLE |
| CMV PCR | VIRO | 3 or 6 mL | EDTA |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|--------------------------|--------------|---|--|
| COBALT | CHEM | 6mL | GREINER VACUETTE TRACE ELEMENTS SODIUM HEPARIN |
| COELIAC SCREEN | IMMUNO | 6 mL | SST |
| COLD AGGLUTININS | TRANS | 6 mL ADULT 1.3mL PAEDS/ NEONATES | EDTA (PLEASE REFER TO BLOOD POLICY FOR LABELLING CRITERIA) |
| COMPLEMENT ACTIVATION | IMMUNO | 6 mL + 3 mL | SST + EDTA |
| COMPLEMENT FIXATION TEST | VIRO | 10 mL | PLAIN |
| CONNECTIVE TISSUE SCREEN | IMMUNO | 6 mL | SST |
| COOMBS TEST (DAT/DCT) | TRANS | 6 mL ADULT 1.3mL PAEDS/ NEONATES | EDTA (PLEASE REFER TO BLOOD POLICY FOR LABELLING CRITERIA) |
| COPPER (Cu) | TRACE METALS | 6 mL 2mL(PAED) | GREINER VACUETTE TRACE ELEMENTS SODIUM HEPARIN HEPARIN TRACE METAL TUBE |
| COPPER (URINE) | TRACE METALS | 10mL | 24 HOUR URINE COLLECTION, NO PRESERVATIVE |
| CORTISOL | CHEM | 6 mL | SST, RECORD TIME ON CARD |
| COXIELLA | VIRO | 10 mL | PLAIN |
| C-PEPTIDE | CHEM | 6mL | SST , SEPARATE & FREEZE WITHIN 30 MINS (must reach laboratory within 2 hours of venesection) |
| C-REACTIVE PROTEIN (CRP) | CHEM | 6 mL | SST |
| CREATININE | CHEM | 6 mL | SST |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|---|------------------------------------|---|---|
| CREATININE CLEARANCE (CRCL) | CHEM | 6 mL | SST + MATCH WITH 24 HOUR URINE COLLECTION, PRESERVED IN THYMOL |
| CROSSMATCH | TRANS | 6 mL ADULT 1.3mL PAEDS/ NEONATES | EDTA (PLEASE REFER TO BLOOD POLICY FOR LABELLING CRITERIA) |
| CRYOGLOBULINS | IMMUNO | 6 mL | SST – MUST BE KEPT WARM AT ALL THE TIME |
| CRYOPRECIPITATE | IMMUNO | 6 mL | SST |
| CRYPTOCOCCUS | VIRO | 10 mL | PLAIN |
| CRYSTALS | CYTO | | FLUID |
| CYCLOSPORIN | CHEM | 6 mL | EDTA |
| CYSTIC FIBROSIS GENE/GENOTYPE | SALISBURY | | EDTA PREFERRED, HEPARIN O.K. |
| CYSTINE | CHEM | 2mL | RANDOM URINE SCREEN FOR CYSTINURIA, OR 24 HOUR URINE COLLECTION PRESERVED IN THYMOL FOR QUANTITATIVE MONITORING |
| CYTOCHEMISTRY | HAEM | 3 mL | EDTA + 6 SLIDES |
| CYTOGENETICS | RECEPTION | 6 mL | HEPARIN, OWN FORM, NOTE DOB |
| CYTOMEGALIC IN TITRE | VIRO | 10 mL | PLAIN |
| CYTOSPIN (CSF) DEPENDS ON CLINICAL DETAIL | (a) MICRO (b) HAEM (c) HISTO | | (a) CSF, ? MENINGITIS (b) WHITE CELL ONCOLOGY/? LEUKAEMIA (c) ? LEUKAEMIA |
| CYTOTOXINS | NHSBT | 10 mL | PLAIN, NOTE DOB |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|--|------------------|---|---|
| D | | | |
| D-DIMERS (FDP WITH CLOTTING STUDIES) | COAG | 2.7 mL | CITRATE |
| DEAFF TEST | VIRO | | NO LONGER AVAILABLE |
| DEHYDROXYEPIANDOSTERONE SULPHATE (DHEA-SO4/DHAS) | CHEM | 6 mL | SST |
| DIGOXIN | CHEM | 6 mL | SST, TIME ON TUBE AND CARD. TO BE TAKEN 6 HOURS AFTER DOSE |
| DIPHThERIA | | 10 mL | PLAIN |
| DIRECT ANTIGLOBULIN TEST (DAT) | TRANS | 6 mL ADULT 1.3mL PAEDS/ NEONATES | EDTA (PLEASE REFER TO BLOOD POLICY FOR LABELLING CRITERIA) |
| DIRECT COOMBES TEST | TRANS | 6 mL ADULT 1.3mL PAEDS/ NEONATES | EDTA (PLEASE REFER TO BLOOD POLICY FOR LABELLING CRITERIA) |
| DISOPYRAMIDE | CHEM (SEND AWAY) | 6 mL | EDTA PLASMA |
| DNA - CYTOGENETICS | RECEPTION | 20 mL | EDTA, OWN FORM, 10-15 mL FROM OLDER CHILDREN. BLUE BAND ON CARD |
| DNA ANTIBODIES/DS-DNA ANTIBODIES | IMMUNO | 6 mL | SST |
| DNA FOR CYSTIC FIBROSIS | RECEPTION | 10 mL | EDTA, OWN FORM, DOB ON SAMPLE, BLUE BAND ON CARD |
| DNA FOR HAEMOGLOBINOPATHIES | SPEC HAEM | 2 x 6 mL or 2 x 3 mL | EDTA OR HEPARIN |
| DOThIEPIN | CHEM (SEND AWAY) | 6mL | EDTA PLASMA |

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|---|----------|------------|--|
| DYPD | MOL PATH | 6 mL | EDTA |
| E | | | |
| ECHINOCOCCUS GRANULOSIS | MICRO | 10 mL | PLAIN |
| ELECTROPHORESIS | IMMUNO | 6 mL | SST |
| EM (ELECTON MICROSCOPY) | EMU | 20 mL | SPECIAL PRESERVATIVE-FREE BOTTLE. FRIDGE, BY APPOINTMENT |
| ENA (EXTRACTABLE NUCLEAR ANTIGENS) | IMMUNO | 6 mL | SST |
| ENA SCREEN/ENAS | IMMUNO | 6 mL | SST |
| ENDOMYSIAL ANTIBODIES | IMMUNO | 6 mL | SST |
| EOSINOPHILS | HAEM | 3 mL | EDTA |
| EPANUTIN | | | See PHENYTOIN |
| EPILIM | | | See VALPROATE |
| EPSTEIN BARR VIRUS | VIRO | 10 mL | PLAIN |
| ERYTHROMYCIN & FUCIDIN | MICRO | 10 mL | PLAIN |
| ERYTHROPOIETIN | CHEM | 6 mL | SST |
| ESR | HAEM | 3 mL | EDTA |
| ETHANOL | CHEM | | See ALCOHOL |
| ETHOSUXIMIDE | CHEM | 6 mL | SST / LI HEP |
| F | | | |
| FACTOR 13 | COAG | 2.7 mL | CITRATE |
| FACTOR 2, 5, 7, 8, 9, 10, 11, 12 ASSAYS | COAG | 2 x 2.7 mL | CITRATE |
| FACTOR V LEIDEN | MOL PATH | 6 mL | EDTA |
| FAECAL ELASTASE | CHEM | | RANDOM STOOL SAMPFLE |
| FAECALIMMUNOCHEMICAL TESTING (FIT) | CHEM | | FIT SAMPLE COLLECTION KIT |
| FAECOLIASIS | MICRO | 10 mL | PLAIN |
| FAI (FREE ANDROGEN INDEX) | CHEM | 6 mL | SST |

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|--|------------------|--------------|---|
| FALARIA COMPS | MICRO | 10 mL | PLAIN |
| FBC (FULL BLOOD COUNT) | HAEM | 3 mL | EDTA (or paediatric tube) |
| FERRITIN | CHEM | 6 mL | SST |
| FETAL/NEONATAL ALLOIMINE THROMOCYTOPENIA | IMMUNO | | MATERNAL 10 mL CITRATE + 20 mL EDTA PATERAL 20 mL EDTA INFANT OR CORD BLOOD EDTA 1 mL |
| FETO GLOBULINS | CHEM | 6 mL | SST |
| FIBRINOGEN (INR) | COAG | 2.7 mL | CITRATE |
| FIBROSIS MARKERS (P3NP / HA) | CHEM | 6 mL | SST |
| FILM (BLOOD) | HAEM | 3 mL | EDTA (or paediatric tube) |
| FK 506 (TACROLIMUS) | CHEM | 3 mL | EDTA |
| FLECAINIDE | CHEM (SEND AWAY) | 6 mL | RED TOP (serum) TUBE |
| FLP | CHEM | | As LIPIDS |
| FLUCYTOSINE | MICRO | | |
| FLUORESCENT TREPANE ANTIBODY | MICRO | 10 mL | PLAIN |
| FOETAL Hb | SPEC HAEM | 2 mL | EDTA |
| FOLATE – PLASMA/SERUM | CHEM | 6 mL | SST |
| FOLATE - RED CELL | SPEC HAEM | 10 mL + 2 mL | NOT PERFORMED |
| FOLIC ACID-PLASMA/SERUM | CHEM | 6 mL | SST |
| FOOD PANEL SCREEN | IMMUNO | 6 mL | SST |
| FRACCISELLA TULARENSIS | MICRO | 10 mL | PLAIN |
| FRAGILE X | SALISBURY | 2.5 mL | EDTA |
| FREE ERYTHROCYTE PROTO PORPHYINS | CHEM (SEND AWAY) | 6 mL | EDTA WHOLE BLOOD (PROTECT FROM LIGHT) |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|---|------------------|--------|---|
| FREE FATTY ACIDS | CHEM (SEND AWAY) | 3 mL | FLUORIDE OXALATE |
| FREE LIGHT CHAINS (SERUM) | IMMUNO | 6 mL | SST |
| FRUCTOSAMINE | CHEM | | NO LONGER AVAILABLE; See HbA1c INSTEAD |
| FSH (FOLLICULAR STIMULATING HORMONE) | CHEM | 6 mL | SST |
| FTA | MICRO | 10 mL | PLAIN |
| FUNCTIONAL ANTIBODIES | IMMUNO | 6 mL | SST |
| FUNGAL PRECIPITINS | IMMUNO | 6 mL | SST |
| G | | | |
| GAG (GLYCOSAMINOGLYCANS) | CHEM (SEND AWAY) | 10mL | RANDOM URINE |
| GALACTITOL | CHEM (SEND AWAY) | 4 mL | RANDOM URINE |
| GALACTOSE-1-PHOSPHATE (G1P) | CHEM (SEND AWAY) | 6 mL | WHOLE BLOOD IN LITHIUM HEPARIN |
| GAMMA GLOBULINS | IMMUNO | 6 mL | SST |
| GAMMA GLUTAMYL TRANSFERASE (GGT) | CHEM | 6 mL | SST |
| GANGLIOSIDE ANTIBODY | IMMUNO | 6 mL | SST |
| GASTRIC PARIETAL CELL ABS | IMMUNO | 6 mL | SST |
| GASTRIN | CHEM (SEND AWAY) | 6 mL | EDTA. PATIENT FASTING, SEPARATE & FREEZE WITHIN 30 MINS |
| GBM & ANTI GBM (GLOMERULAR BASEMENT MEMBRANE) | IMMUNO | 10 mL | |
| GENETICS SCREEN | RECEPTION | 3 mL | EDTA |
| GENTAMYCIN | CHEM | 6 mL | SST |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|---|------------------|--------|--|
| GFR (GLOMERULAR FILTRATION RATE) | CHEM | 6 mL | SST + 24hr URINE |
| GIFT (GRANULOCYTE IMMUNO-FLUORESCENT TEST) | NHSBT | | As PLATELET AB'S |
| GLUCAGON (PART OF GUT HORMONE PROFILE) | CHEM (SEND AWAY) | 6 mL | EDTA. PATIENT FASTING, SEPARATE & FREEZE WITHIN 30 MINS |
| GLUCOSE | CHEM | 5 mL | FLUORIDE OXALATE |
| GLUCOSE-6-PHOSPHATE DEHYDROGENASE (G6PD) | COAG | 6 mL | HEPARIN OR EDTA |
| GLYCINE | CHEM | 0.5mL | CSF |
| GLYCOGEN STORAGE AB'S | IMMUNO | 3 mL | EDTA |
| GLYCOSAMINOGLYCANS | CHEM (SEND AWAY) | 10mL | RANDOM URINE |
| GLYCOSYLATED Hb (HbA1/HbA1C) | CHEM | 2.5 mL | EDTA |
| GM1 ANTIBODY | IMMUNO | 6 mL | SST |
| GRANULOCYTE IMMUNOLOGY INVESTIGATION/NEUTOPHIL FUNCTION | IMMUNO | 6 mL | HEPARIN + 2 mL EDTA / HAEM |
| GROUP (BLOOD/ANTENATAL) | TRANS | 6 mL | EDTA (PLEASE REFER TO BLOOD POLICY FOR LABELLING CRITERIA) |
| GROWTH HORMONE (GH) | CHEM | 6 mL | SST |
| GTT (GLUCOSE TOLERANCE TEST) | CHEM | 5 mL | 2 x GLUCOSE (SEE GTT PROTOCOL IN VENESECTION GUIDELINES) |
| GUT HORMONE | CHEM (SEND AWAY) | | EDTA. PATIENT FASTING, SEPARATE & FREEZE WITHIN 30 MINS |
| H | | | |
| H. PYLORI ANTIGEN | VIRO | 10 mL | PLAIN |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|---|-----------|------------|--------------------------------------|
| HAEMAGLOBIN ELECTROPHORESES (SICKLE CELL TEST) | SPEC | 2 mL | 2 x EDTA |
| HAEMATINICS (B12 & FOLATE + FERRITIN) | CHEM | 6 mL | SST |
| HAEMOGLOBIN ELECTROPHORESIS HAEMOGLOBIN ELECTROPHORESIS (SICKLE CELL) HAEMOGLOBINOPATHY | SPEC HAEM | 3 or 6 mL | EDTA OR HEPARIN |
| HAEMOPHILIA INHIBITOR SCREEN | COAG | 2 x 2.7 mL | CITRATE, STRAIGHT TO LAB |
| HAEMOSIDERIN | HAEM | 10 mL | URINE, EARLY MORNING COLLECTION |
| HAI | MICRO | | NO LONGER AVAILABLE |
| HAMS ACID SERUM TEST | SPEC HAEM | | NO LONGER AVAILABLE |
| HAPTOGLOBIN | IMMUNO | 6 mL | SST |
| HB F / A2 | SPEC HAEM | 5 mL | EDTA |
| HbA1 (HbA1c/GLYCOSYLATED HAEMOGLOBIN) | CHEM | 2.5 mL | EDTA |
| HBDH (AS LDH) | CHEM | 6 mL | SST |
| HCG | CHEM | 6 mL | SST |
| HCO3 | CHEM | 6 mL | SST |
| HCT | | 3 mL | EDTA |
| HCV GENETICS STUDY | | 10 mL | PLAIN, TELEPHONE 6468 FOR COLLECTION |
| HEAT STABLE ALK PHOS (ALK PHOS ISOENZYMES) | CHEM | 6 mL | SST |
| HEINZ BODIES | HAEM | 3 mL | EDTA |
| HELICOBACTER PYLORI AB'S | MICRO | 10 mL | PLAIN |
| HEP A AB'S | VIRO | 10 mL | PLAIN |
| HEP B SCREEN | VIRO | 10 mL | PLAIN |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|---|--------------------|---------------------|--|
| HEPARIN INDUCED THROMBOCYTOPENIA SCREEN/ INVESTIGATION (HIT) | TRANS | 1X10 mL 1X6mL | PLAIN (10mL) & EDTA (6mL) (PLEASE REFER TO BLOOD POLICY FOR LABELLING CRITERIA) (requires haematology medic authorisation) |
| HEXOSHAMINIDASE | | 10 mL | HEPARIN |
| HFE HAEMOCHROMATOSIS | MOL PATH | 6 mL | EDTA |
| HGH (HUMAN GROWTH HORMONE) | CHEM | 6 mL | SST |
| HIB/PNEUMO/TETANUS FUNCTIONAL ABS | IMMUNO | 6 mL | SST |
| HISTOPLASMA | MICRO | 10 mL | PLAIN |
| HIV I: CELL MARKERS | VIROLOGY IMMUNO | 10 mL 2 mL | PLAIN EDTA TREAT AS HIGH RISK, BAG SAMPLE, WEAR GLOVES & APRON |
| HLA ANTIBODIES | TRANS | 2 X 6mL 1 X 10mL | PHONE TRANSFUSION LABORATORY X 4620 EDTA PLAIN (PLEASE REFER TO BLOOD POLICY FOR LABELLING CRITERIA) |
| HLA B27 | MOL PATH | 6 mL | EDTA WRITE ALL DETAILS ON TUBE |
| HLA B51 | MOL PATH | 6 mL | EDTA sendaway to Tooting |
| HLA B57 | MOL PATH | 6ML | EDTA |
| HLA DR2 (NARCOLEPSY) | MOL PATH | 6 mL | EDTA sendaway to Tooting |
| HLA FOR MATCHED PLATELETS | NHSBT TOOTING | 3 or 6 mL | EDTA WRITE ALL DETAILS ON TUBE |
| HLA TYPING I & II | NHSBT Tooting | 6 mL | EDTA WRITE ALL DETAILS ON TUBE |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|---|------------------|------------------------------------|--|
| HMMA (4-HYDROXY-3-METHOXYMANDELIC ACID) | CHEM | 5mL | RANDOM URINE, FOR NEUROBLASTOMA SCREEN ONLY. (Also known as VMA) |
| HOMOCYSTEINE | CHEM (SEND AWAY) | 6 mL | LITHIUM HEPARIN ONLY, SEPARATE AND FREEZE WITHIN 1 HR |
| HOMOCYSTINE/CYSTINE/METHIONINE | CHEM | 6 mL | HEPARIN, STRAIGHT TO LAB |
| HSV AND H2V TITER ABS | VIRO | 10 mL | PLAIN |
| HU ANTIBODY'S | IMMUNO | 6 mL | SST |
| HYALURONIC ACID/P3NP | CHEM | 6 mL | SST |
| I | | | |
| IAA | IMMUNO | | See AIP |
| ICA | IMMUNO | | See AIP |
| IGE | IMMUNO | 6 mL | SST |
| IGF I | CHEM | 6 mL | SST |
| IGH GENE REARRANGEMENTS | MOL PATH | 6ML | EDTA PB/BM (FOR OTHER SAMPLES PLEASE CONTACT THE LABORATORY) |
| IGHV | MOL PATH | PB- 6 mL EDTA BM-2MI EDTA | EDTA |
| IM (GLANDULAR FEVER) SCREEN TEST | HAEM | 3 mL | EDTA |
| IMMUNOGLOBULINS | IMMUNO | 6 mL | SST |
| IMMUNOPHENOTYPING | IMMUNO | | See CELL MARKERS |
| IN VITRO BLEEDING TIME | COAG | | NO LONGER AVAILABLE |
| INDIRECT IMMUNOFLUORESCENCE | IMMUNO | 6 mL | SST |
| INFECTIOUS MONONUCLEOSIS | HAEM | 3 mL | EDTA + 1 SLIDE |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|--|------------------|--------|--|
| INHIBIN B | CHEM (SEND AWAY) | 6 mL | SST / LITH HEP |
| INHIBITOR SCREEN | COAG | 2.7 mL | CITRATE |
| INORGANIC PHOSPHATE (IP) | CHEM | 6 mL | SST |
| INR | COAG | 2.7 mL | CITRATE |
| INSULIN | CHEM | 6 mL | SST, FASTING, SEPARATE AND FREEZE WITHIN 2 HRS |
| INSULIN ANTIBODIES | CHEM (SEND AWAY) | 10 mL | SST |
| INTRINSIC FACTOR ABS | IMMUNO | 6 mL | SST |
| IODINE (URINE) | CHEM | 10mL | 30ML UNIVERSAL CONTAINER |
| IRON & TRANSFERRIN | CHEM | 6 mL | SST, TIME ON CARD |
| IRON (Fe) & IRON BINDING (TIBC) | CHEM | 6 mL | SST, NOTE TIME ON CARD |
| ISLET CELL ANTIBODIES | IMMUNO | 6 mL | SST |
| ISOELECTRIC FOCUSING OF SIALO TRANSFERRIN, TRANSFERRIN ELECTROPHORESIS | CHEM (SEND AWAY) | 6 mL | SST |
| ISOENZYMES (ALK PHOS ISOENZYMES/API) | CHEM | 6 mL | SST |
| ITRACONAZONE | MICRO | | |
| J | | | |
| JAK2 | MOL PATH | 6ML | EDTA |
| JO-I | IMMUNO | 6 mL | SST |
| K | | | |
| K/L FREE LIGHT CHAIN RATIO | IMMUNO | 6 mL | SST |
| KAPPA LIGHT CHAINS, K/L RATIO | IMMUNO | 6 mL | SST |
| KARYOTYPE (CHROMOSOMES) | RECEPTION | 6 mL | HEPARIN, DOB ON TUBE |
| KILLING LEVELS | MICRO | 10 mL | PLAIN |
| KINASE (CPK) | CHEM | 6 mL | SST |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|--------------------------------|------------------|-------------------|--|
| KLEIHAUER TEST | TRANS | 6 mL | EDTA (PLEASE REFER TO BLOOD POLICY FOR LABELLING CRITERIA) |
| L | | | |
| LACTATE | CRIT CARE LAB | 3 mL 200uL | BLOOD: LI HEPARIN - SAMPLE MUST BE REC'D WITHIN 10 MINS OF VENESECTION CSF: PLAIN (NO ANTICOAGULANT) - SAMPLE MUST BE REC'D WITHIN 10 MINS OF VENESECTION |
| LACTATE DEHYDROGENASE (LDH/LD) | CHEM | 6 mL | SST |
| LAMOTRIGINE | CHEM (SEND AWAY) | 6 mL | LI HEP / SST |
| LANOXIN | | | See DIGOXIN |
| LATEX RA (TA) | IMMUNO | 6 mL | SST |
| LDH | CHEM | 6 mL | SST |
| LE CELLS | | | NO LONGER AVAILABLE; SEE CONNECTIVE TISSUE SCREEN |
| LEAD (Pb) | TRACE METALS | 6 mL 2mL(PAED) | GREINER VACUETTE TRACE ELEMENTS SODIUM HEPARIN HEPARIN TRACE METAL TUBE |
| LEGIONNAIRES | VIRO | 10 mL | PLAIN, BAG & SEAL |
| LEPTIN | CHEM (SEND AWAY) | 6 mL | EDTA |
| LEPTOSPIRAL AGG'S | VIRO | 10 mL | PLAIN |
| LEUCINE AMINO PAPTILASE | | | NOT AVAILABLE |
| LEUCOCYTE AB'S | NHSBT | | See PLATELET AB'S |
| LFT's (LIVER FUNCTION TESTS) | CHEM | 6 mL | SST |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|--|--------------|--------------|--|
| LGV (LYMPHOGRANULOMA VENEREUM) | VIRO | 10 mL | PLAIN |
| LH (LUTEINIZING HORMONE) | CHEM | 6 mL | SST |
| LIGHT CHAIN LEVELS | IMMUNO | | URINE SAMPLE |
| LINEAGE SPECIFIC CHIMAERISM | MOL PATH | 4X6ML | CAN ONLY BE REQUESTED BY BMT TEAM AFTER DISCUSSION WITH LAB |
| LIPIDS (CHOLESTEROL, TRIGLYCERIDE, HDL,LDL, LIPOPROTEIN ELECTROPHORESIS) | CHEM | 6 mL | SST, PATIENT FASTING 14 HRS |
| LITHIUM (Li) | CHEM | 6 mL | SST or PLAIN-collect at least 10hrs post dose |
| LIVER FIBROSIS MARKERS (P3NP / HA) | CHEM | 6 mL | SST |
| LONG CHAIN FATTY ACIDS | CHEM | 6 mL | SST, STRAIGHT TO LAB |
| LUPUS ANTIBODIES | IMMUNO | 6 mL | SST |
| LUPUS ANTICOAG (LAC) | COAG | 2 x 2.7mL | CITRATE, STRAIGHT TO LAB |
| LYMES DISEASE | VIRO | 10 mL | PLAIN |
| LYMPHOCYTE SURFACE MARKERS | IMMUNO | 6 mL | EDTA |
| M | | | |
| MACROPROLACTIN | | | see PEG PROLACTIN |
| MAGNESIUM (Mg) | CHEM | 6 mL | SST |
| MAGNESIUM SERUM (NOT RED CELL) | CHEM | 6 mL | SST |
| MALARIA PARASITES | HAEM | 3 mL | EDTA |
| MANGANESE (Mn) | TRACE METALS | 6mL 2 mL | GREINER VACUETTE TRACE ELEMENTS SODIUM HEPARIN TEKLAB LI HEPARIN TUBE |
| MARKERS CELL SURFACE | IMMUNO | 6 mL + 3 mL | SST + EDTA |
| MERCURY (Hg) | TRACE METALS | 6 mL 2 mL | GREINER VACUETTE TRACE ELEMENTS SODIUM HEPARIN TEKLAB LI HEPARIN TUBE |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|---------------------------------------|---------------|--------------|--|
| MERCURY (URINE) | TRACE METALS | 10mL | 30ML UNIVERSAL CONTAINER |
| METALS SCREEN (BLOOD) | TRACE METALS | 6mL | GREINER VACUETTE TRACE ELEMENTS SODIUM HEPARIN |
| METALS SCREEN (URINE) | TRACE METALS | 10mL | 30ML UNIVERSAL CONTAINER |
| METANEPHRINES (Also 'catecholamines') | CHEM | 10mL | 24 HOUR URINE COLLECTION, PRESERVED WITH 25mL GLACIAL ACETIC ACID. |
| METHAEMOGLOBIN (METHb) | CRIT CARE LAB | 6mL | HEPARIN, FULL TUBE, NO AIR |
| METHOTREXATE | CHEM | 6 mL | SST |
| MGMT | MOL PATH | NA | 6x UNSTAINED SLIDES WITH ACCOMPANYING H&E-STAINED SECTION |
| MICROSATELLITE INSTABILITY | MOL PATH | PB- 6ml EDTA | EDTA |
| | | BM-2ml EDTA | |
| MICROHAEMATOCRIT | | | NO LONGER PERFORMED |
| MILK AB'S | MICRO | 20 mL | PLAIN |
| MITOCHONDRIAL AB'S | IMMUNO | 6 mL | SST |
| MITOCHONDRIAL AB'S/M2 ANTIBODIES | IMMUNO | 6 mL | SST |
| MLH1 (MOLECULAR) | MOL PATH | NA | 6x UNSTAINED SLIDES WITH ACCOMPANYING H&E-STAINED SECTION |
| MOLECULAR STUDIES FOR THALASSAEMIA | SPEC HAEM | 2 x 6 mL | EDTA |
| MOLYBDENUM | CHEM | 6mL | GREINER VACUETTE TRACE ELEMENTS SODIUM HEPARIN |
| MONOSPOT | | | SEE INFECTIOUS MONONUCLEOSIS |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|---|------------------|-----------------|--|
| MPO/ PR3 | IMMUNO | 6 mL | SST |
| MTHFR (METHYLENE TETRAHYDROFOLATE REDUCTASE) MUTATION | MOL PATH | 6 mL | EDTA SENDAWAY TO CAMBRIDGE |
| MUCOPOLYSACCHARIDES | CHEM (SEND AWAY) | 10mL | RANDOM URINE |
| MULTIMERS | COAG | 2 X 2.7mL +10mL | 2 x CITRATE + 10 mL EDTA |
| MUSCLE SPECIFIC KINASE (MUSK) | IMMUNO | 6 mL | SST |
| MYCOBACTERIUM AB'S | MICRO | | NO LONGER AVAILABLE |
| MYCOPLASMA FT | VIRO | 10 mL | PLAIN |
| MYELOMA PROT-SCREEN | IMMUNO | 6 mL | SST + URINE |
| MYLOPEROXIDALE | MICRO | 10 mL | PLAIN |
| N | | | |
| NETILMICIN | MICRO | 10 mL | PLAIN |
| NEUROENDOCRINE TUMOUR SCREEN | CHEM (SEND AWAY) | | See GLUCAGON / GUT HORMONE |
| NEURONE SPECIFIC ENOLASE (NSE) | CHEM (SEND AWAY) | 6 mL | SST |
| NEUTROPHIL ALK PHOS (NAP) | HAEM | | NO LONGER PERFORMED |
| NEUTROPHIL ANTIBODIES | TRANS | 10 mL + 12 mL | PLAIN EDTA x 3(ie 6 x 3ML EDTA) (PLEASE REFER TO BLOOD POLICY FOR LABELLING CRITERIA) |
| NEUTROPHIL CHEMOTAXIS FOR PHAGOCYTOSIS | IMMUNO | 6 mL + 3 mL | SST + EDTA |
| NEUTROPHIL CYTOPLASMIC AB | IMMUNO | 6 mL | SST |
| NEUTROPHIL CYTOTOXIC AB'S | IMMUNO | 6 mL | EDTA |
| NEUTROPHIL FUNCTION | IMMUNO | 10 mL + 6 mL | HEPARIN + EDTA |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|--------------------------------------|------------------|--------------|--|
| NICKEL | CHEM | 6mL | GREINER VACUETTE TRACE ELEMENTS SODIUM HEPARIN |
| NMDA RECEPTOR ANTIBODY | IMMUNO | 6 mL | SST |
| NT-ProBNP (GP requests only) | CHEM | 6 mL | MUST BE LITHIUM HEPARIN |
| NUCLEAR ANTIGENS | IMMUNO | 6 mL | SST |
| NUCLEOSOMES | IMMUNO | 6 mL | SST |
| O | | | |
| OESTRADIOL (E2, ESTRADIOL,OESTROGEN) | CHEM | 6 mL | SST |
| OHD 25 (25OH, VIT D) | CHEM | 6 mL | SST |
| OLIGOCLONAL BANDS OCBS | IMMUNO | 2 mL 6 mL | CSF SST NOTE: THIS IS A PAIRED TEST THAT REQUIRES BOTH SAMPLES |
| OMEGA-5-GLIADIN | IMMUNO | 6 mL | SST |
| ORGANIC ACIDS | CHEM | 2mL | RANDOM URINE |
| OSMOLALITY | CHEM | 6 mL | SST |
| OSMOTIC FRAGILITY | COAG | | BY ARRANGEMENT WITH LAB |
| OSTEOCALCIN | CHEM | | NO LONGER AVAILABLE; REFER TO LAB |
| P | | | |
| P1 PHENOTYPING | SHEFFIELD | 10 mL | PLAIN |
| P24 | VIRO | 10 mL | PLAIN |
| P38 | VIRO | 10 mL | PLAIN, FASTING |
| P3NP/HYALURONIC ACID | CHEM | 6 mL | SST |
| PANCREATIC HORMONE SCREEN | CHEM (SEND AWAY) | | See GUT HORMONE |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|--|---------------------------|--|--|
| PANCREATIC POLYPEPTIDE | CHEM (SEND AWAY) | | See GUT HORMONE |
| PARACETAMOL | CHEM | 6 mL | SST, NOT LESS THAN 4HRS SINCE LAST DOSE |
| PARAQUAT IN URINE | CHEM | 5 mL | URINE |
| PARAPROTEINS | IMMUNO | 6 mL + 10 mL | SST + HEPARIN |
| PARIETAL CELLS | IMMUNO | | See AIP |
| PAROXYMAL NOCTURNAL HAEMOGLOBINURIA (PNH) | IMMUNO | 6 mL ADULT 1mL <5yrs 0.5mL Neonatal | EDTA (PLEASE REFER TO BLOOD POLICY FOR LABELLING CRITERIA) |
| PAUL BUNNELL (MONOSPOT) | | | SEE INFECTIOUS MONONUCLEOSIS |
| PCR (IF FOR MENINGITIS) | VIRO | 2 mL | EDTA/CSF |
| PEG PROLACTIN | CHEM | 6mL | SST |
| PEMPHIGOID/PEMPHIGUS | IMMUNO | 6 mL | SST |
| PHAGOCYTE KILLING ABILITY OF WBC | NHSBT | 6 mL + 2.5 mL | HEPARIN + EDTA |
| PHENOBARBITONE | CHEM | 6 mL | SST-collect trough level |
| PHENYLALANINE: a) SCREENING; b)MONITORING | (a) RECEPTION (b) CHEM | | BLOODSPOTS |
| PHENYTOIN (EPANUTIN) | CHEM | 6 mL | SST-collect trough level |
| PHOSPHATE (PO ₄ ,) INORGANIC PHOSPHORUS | CHEM | 6 mL | SST |
| PHYTANIC ACID | CHEM (SEND AWAY) | | See VLCFA |
| PLACENTAL ALKALINE PHOSPHATASE (API) | CHEM | 6 mL | SST |
| PLASMA VISCOSITY | HAEM | 3 mL | EDTA |
| PLATELET AGGREGATION SCREEN | COAG | 5 x 2.7 mL | CITRATE; BY ARRANGEMENT WITH LAB ONLY-PLEASE CHECK |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|--|---------------------|-----------------|---|
| PLATELET ANTIBODY | TRANS | | See PLATELET IMMUNOLOGY |
| PLATELET ASSOCIATED IGS | TRANS | | See PLATELET IMMUNOLOGY |
| PLATELET FUNCTION TEST (PFA) | COAG | 2 x 2.7 mL | CITRATE; STRAIGHT TO LAB |
| PLATELET IMMUNOLOGY | TRANS | 10 mL + 18mL | PLAIN (10mL) + EDTA (18mL) PHONE TRANSFUSION X4620 FOR ADVICE BEFORE TAKING SAMPLES (PLEASE REFER TO BLOOD POLICY FOR LABELLING CRITERIA) |
| PLATELETS (NOT AGGREGATION Abs etc) IF PLATLETS SHOW CLUMPNG IN FILM, REQUEST SOLID CITRATE BOTTLE FROM HAEM TO RETEST | HAEM | 3 mL | EDTA |
| PLATINUM | CHEM | 6mL | EDTA/Li heparin |
| PNEUMOCOCCUS (ANTIGEN TEST) | MICRO | 10 mL | PLAIN |
| PO4 (PHOSPHATE) | CHEM | 6 mL | SST |
| PORPHYRINS (RED CELL) | CHEM (SEND AWAY) | 6 mL | EDTA, EXCLUDE LIGHT |
| POTASSIUM (K) | CHEM | 6 mL | SST |
| PR3 (PROTEINASE 3) | IMMUNO | 6 mL | SST |
| PRIST | MICRO | 10 mL | PLAIN |
| PROGESTERONE | CHEM | 6 mL | SST |
| PROLACTIN (PRL) | CHEM | 6 mL | SST, PATIENT NOT TO BE UPSET, BLEED ONCE |
| PROTEIN (see TOTAL PROTEIN) | CHEM | 6 mL | SST |
| PROTEIN C | COAG | 2.7 mL | CITRATE, STRAIGHT TO LAB |
| PROTEIN ELECTROPHORESIS | IMMUNO | 6 mL | SST |
| PROTEIN S | COAG | 2.7 mL | CITRATE, STRAIGHT TO LAB |
| PROTEIN SELECTIVITY | RECEPTION | 10 mL | PLAIN + URINE |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|---|------------------|---|---|
| PROTEIN STRIP | IMMUNO | 6 mL | SST |
| PROTEINS (ALBUMIN, GLOBULIN, ELECTROPHORESIS) | IMMUNO | 6 mL | SST |
| PROTHROMBIN MUTATION | MOL PATH | 6 mL | EDTA |
| PROTHROMBIN TIME (INR) | COAG | 2.7 mL | CITRATE |
| PSA – SPA (PROSTATE SPECIFIC ANTIGEN) | CHEM | 6 mL | SST |
| PSEUDOCHELINESTERASE | See GUT HORMONE | 6 mL | SST |
| PSITTACOSIS (PARROT DISEASE) | MICRO | 10 mL | PLAIN |
| PTH (PARATHYROID HORMONE, PARATHORMONE) | CHEM | 6 mL | Lithium HEPARIN, SPIN WITHIN 8 HOURS |
| PTH RELATED PEPTIDES | CHEM (SEND AWAY) | 6 mL ADULT 1mL <5yrs 0.5mL Neonatal | SPECIAL ARRANGEMENT, PHONE LAB, SPECIAL TUBE, SEPARATE WITHIN 30 MINS |
| PURKINJE ANTOBODIE (HU, YO, RI) | IMMUNO | 6 mL | SST |
| PYLORI H. | VIRO | 10 mL | PLAIN |
| PYRUVATE | CHEM | | NO LONGER AVAILABLE |
| PYRUVATE KINASE | SPEC HAEM | 3 or 6 mL | EDTA |
| Q | | | |
| QUININE | CHEM (SEND AWAY) | 3 mL | EDTA WHOLE BLOOD |
| R | | | |
| RAPAMUNE | | 3 mL | EDTA |
| RASTS (Specific IgE) | IMMUNO | 6 mL | SST |
| RED CELL FRAGILITY | | | SEE OSMOTIC FRAGILITY |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|--|--------------|-----------------|--|
| RED CELL TRANSKETOLASE | CHEM | | NO LONGER AVAILABLE; CONSULT LAB FOR ALTERNATIVE TEST |
| RED CELL U T E | | 10 mL | HEPARIN |
| RENIN (WITH OR WITHOUT ALDOSTERONE) | CHEM | 3 mL | EDTA, SEPARATE AND FREEZE WITHIN 30 MINS |
| RETICULAR AB's | IMMUNO | 6 mL | SST |
| RETICULOCYTE | HAEM | 3 mL | EDTA |
| RH AB'S ANTENATAL | TRANS | 6 mL | EDTA (PLEASE REFER TO BLOOD POLICY FOR LABELLING CRITERIA) |
| RHEUMATOID FACTOR (RF)/RHEUMATOID SCREEN | IMMUNO | 6 mL | SST |
| Ristocetin Cofactor (RICOF) | COAG | 2 x 2.7 mL | CITRATE (Sample straight to laboratory) |
| RUBELLA TITRE | VIRO | 5 mL | PLAIN |
| S | | | |
| SALICYLATE | CHEM | 6 mL | SST |
| SALIVARY AB'S | IMMUNO | 6 mL | SST |
| SALMONELLA (ENTERIC FEVER) | VIRO | 10 mL | PLAIN |
| SCHILLINGS TEST | NUC MED | | |
| SCHISTOMA AMOEBA | VIRO | 10 mL | PLAIN |
| SCHUMS TEST | SPEC HAEM | | NO LONGER AVAILABLE |
| SCL 70 | IMMUNO | 6 mL | SST |
| SELECTIVE PROTEINURAEamia | RECEPTION | | See PROTEIN SELECTIVITY |
| SELENIUM (Se) | TRACE METALS | 6mL 2 mL | GREINER VACUETTE TRACE ELEMENTS SODIUM HEPARIN TEKLAB LI HEPARIN TUBE |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|---------------------------------------|-----------------------|--------|---|
| SERUM ACETYL CHOLINESTERASE | CHEM (SEND AWAY) | 6 mL | SST |
| SGOT (AST) | CHEM | 6 mL | SST; NOT A ROUTINE TEST; CLINICAL TRIALS ONLY |
| SHBG | CHEM | 6 mL | SST |
| SICKLE CELL TEST | SPEC HAEM | 5 mL | EDTA |
| SIROLIMUS | CHEM (SEND AWAY) | 3 mL | EDTA |
| SKIN ANTIBODIES | IMMUNO | 6 mL | SST |
| SLA 70 | IMMUNO | 6 mL | SST |
| SODIUM (Na) | CHEM | 6 mL | SST |
| SODIUM VALPROATE | CHEM | 6 mL | SST-collect trough level |
| SOLUBLE TRANSFERRIN RECEPTOR (STR) | CHEM | 3mL | SST |
| SOMATOMEDIN C | CHEM | 6 mL | SST |
| SP 1 | ROOM 70 F, LEVEL F | 10 mL | PLAIN |
| SPUN PCV (HCT) | HAEM | 2 mL | NO LONGER PERFORMED |
| STANES TEST | HAEM | | AS MONOSPOT |
| STAPHYLOCOCCAL ENTEROTOXIN B (RAST) | IMMUNO | 6 mL | SST |
| STEM CELL HARVEST | VIROLOGY | 10 mL | PLAIN |
| STEROID CELL AB | IMMUNO | 6 mL | SST |
| STONE ANALYSIS | CHEM | | RENAL CALCULUS SAMPLE |
| STREPTOMYCIN | MICRO | 10 mL | PLAIN |
| STRONTIUM | CHEM | 6mL | GREINER VACUETTE TRACE ELEMENTS SODIUM HEPARIN |
| STS SEROLOGICAL TESTS, SYPHILLIS (WR) | MICRO | 10 mL | PLAIN |
| SUA (SUGAR URIC ACID) | | | HEPARIN |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|--|------------------|-------------|---|
| SUB CLASSES | IMMUNO | 6 mL | SST |
| SUGAR | CHEM | | See GLUCOSE |
| SURFACE MARKERS | IMMUNO | 6 mL + 3 mL | SST + EDTA |
| SUXAMETHONIUM (RAST) | IMMUNO | 6 mL | SST |
| SWEAT CHLORIDE | CHEM | >20uL | WESCOR MACRODUCT |
| SYNACTHEN (2 CORTISOLS ONE BASELINE AT 0 MINS AND ANOTHER 30 MINS AFTER SYNACTHEN) | CHEM | 2 x 6 mL | SST |
| T | | | |
| T B N K | IMMUNO | 6 mL + 3 mL | SST + EDTA |
| T CELL RECEPTOR | IMMUNO | 6 mL | SST |
| T CELL RECEPTOR (TCR) GENE REARRANGEMENTS | MOL PATH | 6 ML | EDTA |
| T P P A | | 10 mL | PLAIN |
| T4, T8 | IMMUNO | 6 mL | HEPARIN |
| TACROLIMUS (FK 506 - AN ANTI-REJECTION DRUG) | CHEM (SEND AWAY) | 2 mL | EDTA |
| TANNED RED CELLS | | 10 mL | PLAIN |
| TCR V β SPECTRATYPING | MOL PATH | 4X6ML | EDTA |
| TEG (THROMBOELASTOGRAPHY) | COAG | 2 x 2 .7mL | CITRATE, STRAIGHT TO LAB, ACCURATE TIME ON CARD BLOOD TAKEN |
| TEGRETOL | CHEM | | See CARBAMAZEPINE |
| TEICOPLANIN | MICRO | 10 mL | PLAIN |
| TESTOSTERONE | CHEM | 6 mL | SST |
| TETANUS ANTIBODIES (FUNCTIONAL ABS) | IMMUNO | 6 mL | SST |
| TFN RECEPTOR | | | SEE STFR |
| TFT's (THYROID FUNCTION TESTS) | CHEM | 6 mL | SST |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|---|------------------|-------------------------------|---|
| THALASSAEMIA | SPEC HAEM | 5 mL | EDTA |
| THALLIUM | CHEM | 6mL | GREINER VACUETTE TRACE ELEMENTS SODIUM HEPARIN |
| THALLIUM (URINE) | CHEM | 10mL | 30ML UNIVERSAL CONTAINER |
| THE GENOTYPE SARUVARION | | 3 or 6 mL | EDTA |
| THEOPHYLLINE | CHEM | 6 mL | SST-collect trough level |
| THIOPENTONE | CHEM | 5 mL | HEPARIN |
| THIOPURINE METHYL TRANSFERASE (TPMT) | CHEM (SEND AWAY) | 5mL 3mL neonates | EDTA WHOLE BLOOD |
| THROMBIN TIME RATIO | COAG | 2.7mL | CITRATE |
| THROMBOCYTOPENIA | IMMUNO | 2 x 2.7 mL | CITRATE + 20 mL EDTA |
| THROMBOPHILIA SCREEN (INCLUDES: PROTEIN S, PROTEIN C, ANTITHROMBIN AND FACTOR V LEIDEN) | COAG | 4 x 2.7ML 1 x 6 ML EDTA | CITRATE AND 1 EDTA; PATIENT MUST BE RESTED FOR 15 MINUTES PRIOR TO VENESECTION. |
| THYOPAC | CHEM | | See TFT |
| THYOPAC (TBC) T ₃ /T ₄ | NUC MED | 10 mL | PLAIN |
| THYROGLOBULIN | CHEM | 6 mL | SST |
| THYROGLOBULIN ANTIBODY | CHEM | 6 mL | SST |
| THYROID ANTIBODY | IMMUNO | 6 mL | SST |
| THYROID CHROMOSOMES | IMMUNO | 6 mL | SST |
| THYROID FUNCTION | CHEM | 6 mL | SST |
| THYROID PEROXIDASE ANTIBODIES/TPO | IMMUNO | 6 mL | SST |
| TIBC (TOTAL IRON BINDING CAPACITY) | CHEM | 6 mL | SST |
| TIN | CHEM | 6mL | LI HEPARIN or PLAIN |
| TISSUE TRANSGLUTINASE | IMMUNO | 6 mL | SST |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|---|---------------------|-----------------------------|---|
| TISSUE TYPING (HLA) BONE MARROW TRANSPLANTS | NHSBT TOOTING | 6 mL | EDTA, WRITE ALL DETAILS ON TUBE |
| TISSUE TYPING FOR CORNEAL GRAFTS | NHSBT | 10 mL + 30 mL + 20 mL | PLAIN + HEPARIN + EDTA, WRITE ALL DETAILS ON TUBES |
| TISSUE TYPING FOR TRANSPLANTS-SOLID ORGAN | NHSBT | 10 mL + 30 mL+10 mL | PLAIN + HEPARIN + EDTA, WRITE ALL DETAILS ON TUBES |
| TOBRAMYCIN | CHEM | 6 mL | SST |
| TORCH SCREEN | VIRO | 10 mL | PLAIN |
| TOTAL PROTEIN | CHEM | 6 mL | SST |
| TOXIPLASMA DYE & CFT & Q FEVER | MICRO | 10 mL | PLAIN |
| TOXOCARA | MICRO | 10 mL | PLAIN |
| TPA TOXOPLASMOSIS | MICRO | 10 mL | PLAIN |
| TPHA | MICRO | 10 mL | PLAIN |
| TPMT | CHEM (SEND AWAY) | | See THIOPURINE METHYL TRANSFERASE |
| TRACE METALS: ZINC (Zn), SELENIUM (Se), COPPER (Cu), MANGANESE (Mn) | TRACE METALS | 6mL 6 mL | GREINER VACUETTE TRACE ELEMENTS SODIUM HEPARIN HEPARIN TRACE METAL TUBE |
| TRANSAMINASE | CHEM | | SEE ALT |
| TRANSFERASE | CHEM | 6 mL | SST |
| TRANSFERRIN (TIBC) | CHEM | 6 mL | SST |
| TRANSFERRIN RECEPTOR (STR) | | | SEE STR |
| TRIGLYCERIDES | CHEM | 6 mL | SST, FASTING 14 HR |
| TRIPANOSOMIASIS CRUZI | MICRO | | |
| TROPONIN I | CHEM | 6 mL | SST |
| TROUGH LEVELS | MICRO | 10 mL | PLAIN |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|--|--------|-----------------|--|
| TRYPTASE | IMMUNO | 6 mL | SST |
| TSH (THYROID STIMULATING HORMONE) | CHEM | | See TFT |
| TUMOUR MARKERS | CHEM | 6 mL | SST |
| U | | | |
| URANIUM (URINE) | CHEM | 10mL | 30ML UNIVERSAL CONTAINER |
| UREA & ELECTROLYTES | CHEM | 6 mL | SST |
| URIC ACID (URATE) | CHEM | 6 mL | SST |
| URINARY FREE LIGHT CHAINS | IMMUNO | | 24 HR URINE |
| URINE ALBUMIN (ALBUMIN/CREATININE RATIO) | CHEM | 20mL | RANDOM URINE |
| URINE CALCIUM | CHEM | 24hr collection | 24HR URINE COLLECTION PRESERVED IN THYMOL (CHILDREN RANDOM URINE) |
| URINE CITRATE | CHEM | 20mL | RANDOM URINE |
| URINE CORTISOL | CHEM | 24hr collection | 24HR URINE COLLECTION PRESERVED IN THYMOL |
| URINE DRUG SCREEN | CHEM | 20mL | RANDOM URINE |
| URINE ELECTROPHORESIS | IMMUNO | 20mL | RANDOM URINE |
| URINE MAGNESIUM | CHEM | 24hr collection | 24 HR URINE COLLECTION PRESERVED IN THYMOL (CHILDREN RANDOM URINE) |
| URINE OSMOLALITY | CHEM | 20mL | RANDOM URINE or 24 hr collection PRESERVED IN THYMOL |
| URINE OXALATE | CHEM | 24hr collection | 24HR URINE COLLECTION PRESERVED IN THYMOL |
| URINE pH | CHEM | 20mL | FRESH RANDOM URINE(straight to laboratory) |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|---|------------------|-----------------|---|
| URINE PHOSPHATE | CHEM | 24hr collection | 24HR URINE COLLECTION PRESERVED IN THYMOL (CHILDREN RANDOM URINE) |
| URINE PORPHYRINS | CHEM | | CONTACT LABORATORY ext 6427 |
| URINE POTASSIUM | CHEM | 20mL | RANDOM URINE or 24 hr collection PRESERVED IN THYMOL |
| URINE PROTEIN(PROTEIN /CREATININE RATIO) | CHEM | 20mL | RANDOM URINE ONLY |
| URINE SODIUM | CHEM | 20mL | RANDOM URINE or 24 hr collection PRESERVED IN THYMOL |
| URINE URATE (URIC ACID) | CHEM | 24hr collection | 24HR URINE COLLECTION (CHILDREN RANDOM URINE) |
| URINE UREA | CHEM | 20mL | RANDOM URINE or 24 hr collection PRESERVED IN THYMOL |
| V | | | |
| VALPROATE (EPILIM) | CHEM | 6 mL | SST-collect trough level |
| VANCOMYCIN | CHEM | 6 mL | SST |
| VARICELLA ANTIBODIES | VIRO | 10 mL | PLAIN |
| VARICELLA ZOSTER | VIRO | 10 mL | PLAIN |
| VASCULITIC SCREEN | IMMUNO | 6 mL | SST |
| VDRL | VIRO | 10 mL | PLAIN |
| VERY LONG CHAIN FATTY ACIDS (VLCFA) | CHEM (SEND AWAY) | 6 mL | SST PREFERRED, HEPARIN/EDTA O.K. |
| VGCC (VOLTAGE GATED CALCIUM CHANNEL) | IMMUNO | 6 mL | SST |
| VGKC (VOLTAGE GATED POTASSIUM CHANNEL) | IMMUNO | 6 mL | SST |
| VIGABRATIN | CHEM (SEND AWAY) | 6 mL | SST |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|--|------------------|-------------|--|
| VIP (VASO-ACTIVE INTESTINAL POLYPEPTIDE) | CHEM (SEND AWAY) | | See GUT HORMONE |
| VIRAL LOAD | | 6 mL | EDTA |
| VIRAL STUDIES | VIRO | 10 mL | PLAIN |
| VISCOSITY (SEE PLASMA VISCOSITY) | SPEC HAEM | 5 mL | EDTA – SENT TO WINCHESTER |
| VITAMIN A | CHEM | 6 mL | Serum or plasma (SST, lithium heparin or EDTA are acceptable) |
| VITAMIN B12 | CHEM | 6 mL | SST |
| VITAMIN C (ASCORBIC ACID) | CHEM | | NO LONGER AVAILABLE; CONTACT LAB |
| VITAMIN D (OHD 25) | CHEM | 6 mL | SST |
| VITAMIN E | CHEM | 6 mL | Serum or plasma (SST, lithium heparin or EDTA are acceptable) |
| VON WILLEBRANDS SCREEN | COAG | 5 x 2.7 mL | CITRATE; NEEDS TO BE TAKEN AT SGH AS MUST REACH LAB WITHIN 1 HOUR. CONSULTANT HAEMTOLOGISTS APPROVAL REQUIRED. |
| W | | | |
| WEGENERS (ANTI-NEUTRO CYTOPLASMIC AB'S) ANCA'S | IMMUNO | 6 mL | SST |
| WELL FELIX TEST | MICRO | 10 mL | PLAIN, BAG & SEAL |
| WHITE CELL COUNT | HAEM | 3 mL | EDTA |
| WHITE CELL COUNT ASCITIC FLUID | HAEM | 3 mL | |
| WHITE CELL ENZYMES | CHEM (SEND AWAY) | 10 mL | EDTA WHOLE BLOOD; CHECK WITH DR PAUL COOK |
| WHITE CELL MARKER | IMMUNO | 6 mL + 5 mL | SST + EDTA + URINE |
| WIDAL & BRUCELLA | MICRO | 10 mL | PLAIN, BAG & SEAL |

| TEST REQUIRED | LAB | VOLUME | TUBE & REMARKS |
|-----------------------|--------------|---|--|
| WR KAHN | MICRO | 10 mL | PLAIN |
| X | | | |
| X MATCH (CROSS MATCH) | TRANS | 6 mL ADULT 1.3mL PAEDS/ NEONATES | EDTA (PLEASE REFER TO BLOOD POLICY FOR LABELLING CRITERIA) |
| Y | | | |
| YERSINIA PESTIS | MICRO | 10 mL | PLAIN, BAG & SEAL |
| YO ANTIBODIES | IMMUNO | 6 mL | SST |
| Z | | | |
| ZINC (Zn) | TRACE METALS | 6 ML 2 mL | GREINER VACUETTE TRACE ELEMENTS SODIUM HEPARIN TEKLAB LI HEPARIN TUBE |