


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

| | | |
|---|---|---|
|  <p>UKAS MEDICAL</p> <p>8814</p> <p>Accredited to ISO 15189:2012</p> | <h3>Nuffield Health</h3> <p>Issue No: 001 Issue date: 25 September 2018</p> | |
| | <p>The Nuffield Manor Hospital Oxford Pathology Department Beech Road Headington OX3 7RP</p> | <p>Contact: Penny Bess Tel: +44 (0) 1865 307595 Fax: +44 (0) 1865 307413 E-Mail: Penny.Bess@nuffieldhealth.com Website: www.nuffieldhealth.com</p> |
| <p>Testing performed at the above address only</p> | | |

Laboratory locations:

| Location details | Activity | Location code |
|---|--|---------------|
| <p>Pathology Department The Nuffield Manor Hospital Oxford Beech Road Headington OX3 7RP</p> <p>Local contact Penny Bess Tel: 01865 307595</p> | <p>Clinical Biochemistry Haematology Coagulation Blood Transfusion Blood Transfusion Issue Fridge Histology</p> | A |

Site activities performed away from the locations listed above:

| Location details | Activity | Location code |
|---|---|---------------|
| <p>Theatres Area The Nuffield Manor Hospital Oxford Beech Road Headington OX3 7RP</p> | <p>Blood Issue Fridge No testing occurs on this site, blood storage only</p> | B |



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DETAIL OF ACCREDITATION

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used |
|---------------------------------------|---|--|
| HUMAN BODY FLUIDS as specified below: | <u>Haematology examination activities for the purposes of clinical diagnosis</u> | In house documented procedures based on equipment manuals and standard methods as specified below: |
| Blood | Full Blood Count analysis (PCV, MCV, Hb, RBC, WBC, Hct, MCV, MCH, MCHC, RDW Platelets, Neutrophils, lymphocytes, monocytes, Eosinophils, Basophils) | SOP PATH F2 HA4.05, PATH F2 HA4.04 XS 1000 using the Sysmex XS 1000 analyser |
| Blood | Assessment for cell typing and morphology including white blood cell differential for enumeration of cell types. | Manual SOP – OX-PATH F2 HA3.35 Blood film examination |
| Blood | Assessment for cell typing and morphology including white blood cell differential for enumeration of cell types. | Automated Blood Film Preparation Haematek slide Stainer using Haematek stain pack (Modified Wrights stain) OX PATH F2.HA.3.27 |
| Blood | ESR | SOP OX-PATH F2 HA3.30 ESR – Westergren Method |
| Citrated Plasma | PT, APTT, Fibrinogen | SOPs PATH F2 HA4.51 using the Sysmex CA660 Coagulometer and optical density change |
| Blood | Detection of Haemoglobin S | Haemoglobin solubility method using Clinitech kit SOP-OX-PATH F2 HA3.39 |



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| HUMAN BODY FLUIDS as specified below: (cont'd) Blood | <u>Blood Transfusion examination activities for the purposes of clinical diagnosis</u> (cont'd) Blood Grouping/Phenotyping ABO Rhesus Rh- C,c,D,E,e Duffy System Fy ^a , Fy ^b Kell System K, K(Cellano) MNS M, N, S, s | In house documented procedures based on equipment manuals and standard methods as specified below SOP PATH F2 BT3.39 Use of the Gelstation Analyser using corresponding antisera or gel card or SOP PATH F2 BT3.51 Manual Blood Transfusion Procedures using Diamed centrifuge, incubator, card centrifuge. Using corresponding antisera or gel card |
| HUMAN BODY FLUIDS as specified below: (cont'd) Blood | <u>Blood Transfusion examination activities for the purposes of clinical diagnosis</u> (cont'd) Antibody (screening) investigations: ABO Anti-A Anti-A1 Anti-B Rhesus-Rh Anti-C,Cw,c,D,Ee Duffy System Anti-Fy ^a ,Fy ^b Kell System Anti-K, k(cellano) Lewis System Anti-Le ^a , Le ^b Lutheran System Anti-Lua, Lub MNS Anti-M,N,S,s P System Anti-P1 | In house documented procedures based on equipment manuals and standard methods as specified below SOP PATH F2 BT3.39 Use of the Gelstation Analyser or SOP PATH F2 BT3.51 Manual Blood Transfusion Procedures using Diamed centrifuge, incubator, card centrifuge Using manufacturer's 3 cell panel and Manufacturer's 3 cell panel with enzyme added |



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| HUMAN BODY FLUIDS as specified below: (cont'd) | <p><u>Blood Transfusion examination activities for the purposes of clinical diagnosis</u> (cont'd)</p> <p>Antibody confirmation</p> <p>ABO Anti-A Anti-A1 Anti-B</p> <p>Rhesus-Rh Anti-C,Cw,c,D,Ee</p> <p>Duffy System Anti-Fy^a,Fy^b</p> <p>Kell System Anti-K, k(cellano)</p> <p>Lewis System Anti-Le^a, Le^b</p> <p>Lutheran System Anti-Lu^a, Lu^b</p> <p>MNS Anti-M,N,S,s</p> <p>P System Anti-P1</p> <p>Crossmatching (compatibility testing of patient's plasma with donor red cells)</p> | <p>In house documented procedures based on equipment manuals and standard methods as specified below</p> <p>SOP PATH F2 BT3.39 Use of the Gelstation Analyser</p> <p>or</p> <p>SOP PATH F2 BT3.51 Manual Blood Transfusion Procedures using Diamed centrifuge , incubator, card centrifuge</p> <p>Using manufacturer's 11 cell panel and Manufacturer's 11 cell panel with enzyme added</p> <p>SOP PATH F2 BT3.39 Use of the Gelstation Analyser</p> <p>or</p> <p>SOP PATH F2 BT3.51 Manual Blood Transfusion Procedures</p> |
| Blood | | |



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| Plasma/Serum | <p><u>Clinical Biochemistry examination activities for the purposes of clinical diagnosis</u></p> <p>Quantitative determination of</p> <p>Urea, Sodium Potassium Creatinine, Albumin, ALT, ALP, Amylase, AST, Total Bilirubin, Calcium, Creatine Kinase (CK), CRP, Cholesterol, Glucose, GGT, HDL-Cholesterol, LDL-Cholesterol Iron Magnesium Inorganic phosphate, Total protein, Triglyceride, Uric acid</p> <p>EGFR Globulin Corrected Calcium LDL</p> | <p>In house documented procedures based on equipment manuals and standard methods as specified below:</p> <p>SOP PATH F2 BC 4.03, PATH F2 BC4.05 using the Roche C311 Analyser and photometry, ISE, colorimetry, spectroscopy and turbidimetry.</p> <p>By Calculation</p> |
| Serum/Urine | Osmolality | Gonotec Osmomat 030 Freezing point depression – SOP – OX-PATH-F2 BC3.76 |
| Urine | Detection of β hCG. (Pregnancy testing) | SOP SO-PATH F2 HA3.40 using Alere HCG Combo Pregnancy Test Kit and immunochromatography |



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| HUMAN BODY TISSUE | <u>Histological examination activities for the purposes of clinical diagnosis</u> | In house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified: |
| Fixed and fresh tissue | Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purposes of clinical diagnosis | Specimen Cut Up including Category A specimens using SOPs OX-PATH F2 HS3.04 and 04a Decalcification of Bone OX-PATH F2 HS3.17 Processing using Leica ASP 300S Tissue Processor and SOPs OX-PATH-D1- HS4.67 and HS4.105 Embedding using SOPs OX-PATH-F2-HS-3.07 and D1-HS4.68 Cutting of Frozen sections (Cryotomy) Using Leica CM100 Cryostat and SOPs OX-PATH-F2-HS3.11 Microtomy Using Leica RM 2235 Microtome and SOPs OX-PATH-F2-HS3.08 and OX-PATH D1 HS4.69 |
| Formalin Fixed Paraffin wax blocks of processed tissue | Routine morphological staining for the detection of: Basophilic and eosinophilic tissue structures | Routine Haematoxylin and Eosin (H&E) staining Automated using Leica Autostainer XL- SOP OX-PATH F2-HS-3.56 |
| FFPE sections | Special Stains to detect the following Acid mucins, alkaline mucins Mycobacteria spp | Using manual staining techniques and the following procedures: Alcian Blue PAS/Diastase Alcian Blue PAS OX-PATH-F2-HS 3.54 Ziehl Nielson OX-PATH F2 HS 3.47 |



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| <p>HUMAN BODY TISSUE</p> <p>FFPE sections</p> | <p><u>Histological examination activities for the purposes of clinical diagnosis</u></p> <p>Special Stains to detect the following</p> <p>Gram positive and negative organisms</p> <p>Elastin fibres</p> <p>Hepatitis B surface antigen and copper associated protein</p> <p>Helicobacter pylori</p> | <p>In house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Using manual staining techniques and the following procedures:</p> <p>Gram Stain OX-PATH F2 HS3.46</p> <p>Millers's Stain (EVG) OX-PATH-F2-HS-3.65</p> <p>Shikata's Orcein OX-PATH F2 HS 3.61</p> <p>Modified Giemsa OX-PATH F2 HS 3.59</p> |
| END | | |