


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

| | | |
|---|---|--|
|  <p>UKAS MEDICAL 8802</p> <p>Accredited to ISO 15189:2022</p> | University Hospitals of North Midlands NHS Trust | |
| | Issue No: 013 Issue date: 29 May 2026 | |
| Department of Haematology and Blood Transfusion Royal Stoke Hospital Newcastle Road Stoke on Trent ST4 6QG | Contact: Emma Clewlow, Pathology Quality Manager Tel: +44 (0)1782 679664 E-Mail: Emma.Clewlow@uhnms.nhs.uk Website: www.uhnms.nhs.uk | |
| Testing performed by the Organisation at the locations specified below | | |

Locations covered by the organisation and their relevant activities

Laboratory locations:

| Location details | Activity | Location code |
|--|----------------------------------|--|
| Royal Stoke Hospital Newcastle Road Stoke on Trent Staffordshire ST4 6QG | Local contact As above | Haematology, Coagulation and Transfusion activities to assist with clinical diagnosis including Sickle cell and thalassaemia screening |
| County Hospital Weston Road Stafford ST16 3SA | As above | Haematology, Coagulation and Transfusion activities to assist with clinical diagnosis |

Site activities performed away from the locations listed above:

| Location details | Activity | Location code |
|--|----------|-------------------------------------|
| Blood Transfusion Laboratory Royal Stoke Hospital Newcastle Road Stoke on Trent Staffordshire ST4 6QG | As above | Storage of blood and blood products |
| Hub Theatres Royal Stoke Hospital Newcastle Road Stoke on Trent Staffordshire ST4 6QG | As above | Storage of blood and blood products |



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|--|----------|--|
| Maternity Theatres Royal Stoke Hospital Newcastle Road Stoke on Trent Staffordshire ST4 6QG | As above | Storage of blood and blood products E |
| Theatres 1-5 Royal Stoke Hospital Newcastle Road Stoke on Trent Staffordshire ST4 6QG | As above | Storage of blood and blood products F |
| Emergency Care Centre Royal Stoke Hospital Newcastle Road Stoke on Trent Staffordshire ST4 6QG | As above | Storage of blood and blood products G |
| Blood Transfusion Laboratory County Hospital Weston Road Stafford ST16 3SA | As above | Storage of blood and blood products H |
| Chemotherapy Unit County Hospital Weston Road Stafford ST16 3SA | As above | Storage of blood and blood products I |
| Theatres County Hospital Weston Road Stafford ST16 3SA | As above | Storage of blood and blood products J |
| Ward 202 Royal Stoke Hospital Newcastle Road Stoke on Trent Staffordshire ST4 6QG | As above | Storage of blood and blood products K |
| Interventional Radiology Royal Stoke Hospital Newcastle Road Stoke on Trent Staffordshire ST4 6QG | As above | Storage of blood and blood products V |



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| Outpatients Department Royal Stoke Hospital Newcastle Road Stoke on Trent Staffordshire ST4 6QG | Maxine Ward Collection of blood samples by venepuncture and capillary sampling | L |
| Outpatient Department County Hospital Weston Road Stafford ST16 3SA | Maxine Ward Collection of blood samples by venepuncture and capillary sampling | M |
| Bradwell Hospital Talke Road, Chesterton Newcastle-under-Lyme Staffordshire ST5 7NJ | Maxine Ward Collection of blood samples by venepuncture and capillary sampling | N |
| Cobridge Community Health Centre Church Terrace, Cobridge Stoke on Trent Staffordshire ST6 2JN | Maxine Ward Collection of blood samples by venepuncture and capillary sampling | O |
| Meir Primary Care Centre Weston Road, Meir Stoke on Trent Staffordshire ST3 6AB | Maxine Ward Collection of blood samples by venepuncture and capillary sampling | P |
| Hanley Health Centre Upper Huntbach Street Stoke on Trent Staffordshire ST1 2BN | Maxine Ward Collection of blood samples by venepuncture and capillary sampling | Q |
| Longton Health Centre Drayton Road Stoke on Trent Staffordshire ST3 1EQ | Maxine Ward Collection of blood samples by venepuncture and capillary sampling | S |
| Kidsgrove Medical Centre Mount Road, Kidsgrove Stoke-on-Trent Staffordshire ST7 4AY | Maxine Ward Collection of blood samples by venepuncture and capillary sampling | T |



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| Milehouse Primary Care Centre Lymebrook Way, Milehouse Newcastle Staffordshire ST5 9GA | Maxine Ward Collection of blood samples by venepuncture and capillary sampling | U |
| Blurton Health Centre Ripon Road, Blurton Stoke-on-Trent Staffordshire ST3 3BS | Maxine Ward Collection of blood samples by venepuncture and capillary sampling | W |
| Hanford Health Centre New Inn Lane Stoke on Trent Staffordshire ST4 8EX | Maxine Ward Collection of blood samples by venepuncture and capillary sampling | X |
| Longton Cottage Hospital Upper Belgrave Road Stoke on Trent Staffordshire ST3 4QX | Maxine Ward Collection of blood samples by venepuncture and capillary sampling | Y |
| Shelton Primary Care Centre Norfolk Street, Shelton Stoke-on-Trent Staffordshire ST1 4PB | Maxine Ward Collection of blood samples by venepuncture and capillary sampling | Z |
| Tunstall Health Centre Dunning Street, Tunstall Stoke-on-Trent Staffordshire ST6 5BE | Maxine Ward Collection of blood samples by venepuncture and capillary sampling | AA |
| Smallthorne Health Centre 2 Baden Road Stoke on Trent Staffordshire ST6 1SA | Maxine Ward Collection of blood samples by venepuncture and capillary sampling | AB |
| Stoke Health Centre Honeywall Stoke-on-Trent ST4 7JB | Maxine Ward Collection of blood samples by venepuncture and capillary sampling | AC |
| Fenton Health Centre Glebedale Road Stoke on Trent Staffordshire ST4 3AQ | Maxine Ward Collection of blood samples by venepuncture and capillary sampling | AD |



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| Silverdale Health Centre Vale Pleasant, Silverdale Newcastle Staffordshire ST5 6PS | Maxine Ward Collection of blood samples by venepuncture and capillary sampling | AE |
| The Tardis Surgery 5-9 Queen Street Cheadle Staffordshire ST10 1BH | Maxine Ward Collection of blood samples by venepuncture and capillary sampling | AF |
| Moss Lane Surgery Moss Lane, Madeley Nr Crewe Cheshire CW3 9NQ | Maxine Ward Collection of blood samples by venepuncture and capillary sampling | AG |
| Burslem Health Centre Chapel Lane Stoke on Trent Staffordshire ST6 2AB | Maxine Ward Collection of blood samples by venepuncture and capillary sampling | AH |
| Cancer Centre, Royal Stoke University Hospital Newcastle Road Stoke on Trent Staffordshire ST4 6QG | Maxine Ward Collection of blood samples by venepuncture and capillary sampling | AI |
| Ashley Surgery School Lane Market Drayton TF9 4LF | Maxine Ward Collection of blood samples by venepuncture and capillary sampling | AJ |
| Bentilee Neighbourhood Centre Dawlish Drive Stoke on Trent ST2 0EU | Maxine Ward Collection of blood samples by venepuncture and capillary sampling | AK |
| Biddulph Health Centre Wharf Road Biddulph ST8 6AG | Maxine Ward Collection of blood samples by venepuncture and capillary sampling | AL |
| Leek Moorlands Hospital Ashbourne Road Leek ST13 5BQ | Maxine Ward Collection of blood samples by venepuncture and capillary sampling | AM |



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|--|-------------|--|----|
| Leek Moorlands Medical Centre Regent Street Leek ST13 6LU | Maxine Ward | Collection of blood samples by venepuncture and capillary sampling | AN |
| Horse Fair Practice, Sandy Lane Health Centre Sandy Lane Rugeley WS15 2LB | Maxine Ward | Collection of blood samples by venepuncture and capillary sampling | AO |
| Wolverhampton Road Surgery Wolverhampton Road Stafford ST17 4BS | Maxine Ward | Collection of blood samples by venepuncture and capillary sampling | AP |



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DETAIL OF ACCREDITATION

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---------------------------|---|--|---------------|
| HUMAN BODY FLUIDS | <u>Haematology examination activities for the purpose of clinical diagnosis</u> | Manufacturer's instructions for Siemens Advia 2120i in conjunction with in house documented methods HAP002/ HAP004: | |
| Whole Blood (EDTA) | Full Blood Count Haemoglobin estimation Automated white blood cell differential Red cell count Platelets Haematocrit White cell differentiation | Colorimetry/optical Colorimetry Optical Laser light scatter Laser light scatter Calculated parameter from MCV and RBC Laser and light scatter and light absorbance Optical Laser light scatter Calculated parameter | A, B |
| Whole Blood | Blood Cell Sedimentation Measurement | Manufacturer's instructions for Alifax Automated Roller 20 ESR analyser Alifax TEST 1 in conjunction with in house documented methods HE041/HE040/HE042/HE044 | A A |
| Serum/plasma | Detection of specific heterophile antibodies | Manufacturer's instructions for Clearview Mono Rapid chromatographic assay in conjunction with in house documented method HST008 | A, B |



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| HUMAN BODY FLUIDS (cont'd) | <u>Haematology examination activities for the purpose of clinical diagnosis (cont'd)</u> | | |
| Whole blood (EDTA) | Detection of G-6-PD | Manufacturer's instructions for BinaxNow G6PD screening kit in conjunction with in-house documented method HST009 Lateral flow enzymatic dye reduction test | A |
| Whole blood (EDTA) | Quantitation of G-6-PD | Manufacturer's instructions for Pointe Scientific G6PD assay kit in conjunction with in-house documented method HST009 Kinetic, spectrophotometric method Preparation of peripheral blood films HF013/HM003 | A |
| Whole blood (EDTA) | Assessment of cellular morphology - preparation of blood films | Romanowsky stains Leishman/Giemsa or Wrights/Giemsa Microscopy HF012, HF013. Microscopy HM006 | A, B |



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| HUMAN BODY FLUIDS (cont'd) | <u>Haematology examination activities for the purpose of clinical diagnosis (cont'd)</u> | Manual in-house documented methods Preparation of peripheral thin and thick blood HF015/HF016/HM012 | |
| Whole blood (EDTA) | Detection of malarial parasites <i>P. falciparum</i> <i>P. vivax</i> <i>P. malariae</i> <i>P. ovale</i> <i>P. knowlesi</i> Screening of blood borne parasites | Leishman/Giemsa and Giemsa Microscopy | A, B |
| Whole blood (EDTA) | Differentiation of <i>P. falciparum</i> and pan malarial spp. <i>P. falciparum</i> (<i>P. vivax</i> , <i>P. malariae</i> , <i>P. ovale</i>) | Manufacturer's instructions for Care US test immunochromatographic detection kit in conjunction with in house documented method HF025 Manual slide preparation, staining and review using in house documented methods HF021/CHTD003 | A, B |
| Bone Marrow aspirates | Detection of normal and abnormal morphologies | Romanowsky stain Leishman/Giemsa Microscopy Manual slide preparation and review using in house documented methods HF021/CHTD003 | A |
| Bone Marrow Trepines | Detection of normal and abnormal morphologies | Romanowsky stain Leishman/Giemsa Microscopy | A |



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| HUMAN BODY FLUIDS (cont'd) | <u>Haematology examination activities for the purpose of clinical diagnosis (cont'd)</u> | Documented in-house methods to meet the requirements of the Sick cell and thalassaemia screening programme as defined in the July 2018 'Sickle cell and thalassaemia screening: laboratory QA evidence requirements' | |
| Whole blood (EDTA) | Quantitation of Hb A2/F haemoglobin variants | Manufacturer's instructions for Tosoh G11 HPLC analyser in conjunction with in house documented method HST001 | A |
| Whole blood (EDTA) | Confirmation of abnormal haemoglobins | Manufacturer's instructions for Sebia Minicap capillary electrophoresis with in house documented method HST002 | A |
| Whole blood (EDTA) | Solubility of Hb fractions | Manufacturer's instructions for Streck Sickledex Kit in conjunction with in-house documented method HST002 Manufacturer's instructions for Shandon Cytospin II or manual preparation in conjunction with in house documented method HST011/HF021/CHTD009 | A |
| CSF | Detection of normal and abnormal morphologies | Romanowsky stain Leishman/Giemsa Microscopy | A |



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| HUMAN BODY FLUIDS (cont'd) | <u>Haematology examination activities for the purpose of clinical diagnosis</u> (cont'd) | Manual slide preparation, staining and review using in house documented methods HST012/CHTD008 | |
| Bone marrow aspirate | Detection of normal and abnormal morphologies | Perl's Prussian Blue Microscopy | A |
| HUMAN BODY FLUIDS (cont'd) | <u>Coagulation examination activities for the purpose of clinical diagnosis</u> | Manufacturer's instructions for Instrument Laboratories ACL TOP 750 (RSUH) ACL TOP 300 (County) in conjunction with in house documented methods: HC003/HC030/HC026 | |
| Plasma (Citrate) unless otherwise stated | Prothrombin time and INR | Clot based assay | A, B |
| | Activated partial Thromboplastin Time (aPTT) and aPTT Ratio | Clot based assay | |
| | Fibrinogen | Clot based assay | |
| Whole Blood (EDTA) | D-Dimer | Latex immunoturbimetric assay | |
| | Thrombin time | Clot based assay HCS006 | |
| | PT and aPTT mixing studies | Clot based assay HCS006 | |
| | Lupus anticoagulant | Clot based assay HCS004 | A |
| | Factor assays (VIII, IX, XI, XII, II, V, VII, X) | Clot based assay HCS001 | A |
| | Anti Xa | Chromogenic assay HCS007 | A |
| | Factor Inhibitor screen | Clot based assay HCS010 | A |
| | Inhibitor assay (Bethesda) | Clot based assay HCS011 | A |
| | Heparin neutralisation | Clot based assay HCS008 | A |



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| HUMAN BODY FLUIDS (cont'd) Plasma (Citrate) unless otherwise stated (cont'd) | <u>Coagulation examination activities for the purpose of clinical diagnosis (cont'd)</u> | | |
| | Manual INR and prothrombin time (PT) | Manufacturer's instructions using Thrombotrack (2 Channel) Optomechanical method HC027 HC003 HC030 | A |
| | Manual Activated partial Thromboplastin Time (aPTT) | Optomechanical method HC028 HC003 HC011 HC030 Manufacturer's instructions for Instrument Laboratories ACL TOP 750 (RSUH) in conjunction with in house documented methods: | |
| | Thrombophilia screen consisting of the following assays: | HC003/HC030/HC026 HCS005 | A |
| | Antithrombin | Chromogenic assay | |
| | Protein C | Chromogenic assay | |
| | Free Protein C | Chromogenic assay | |
| | Von Willebrand factor antigen | Latex Immunoassay HCS002 | |
| | DOAC levels | | |
| | Apixaban | Chromogenic Assay HCS023 | |
| Dabigatran | Clot based assay HCS026 | | |



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| <p>HUMAN BODY FLUIDS (cont'd)</p> <p>Whole Blood (EDTA) unless otherwise stated (cont'd)</p> <p>Cord blood</p> | <p><u>Blood Transfusion examination activities for the purpose of clinical diagnosis</u></p> | | A, B |
| | <p>Automated Blood group Detection of:</p> <ul style="list-style-type: none"> • ABO • Rhesus (D) | <p>IBG Immucor Galileo Echo (RSUH x1 County x2) Diamed cards with in house documented methods : BTLP060</p> <p>BTLP026 BTLP124</p> | B |
| | <p>Automated antibody screen & Identification</p> <ul style="list-style-type: none"> • Rhesus (C D E c e) • K • Fy (a) • Fy (b) • JK (a) • JK (b) • M N S s | <p>Capture –R IAT BTLP026 BTLP124</p> | B |
| | <p>Manual blood group Detection of:</p> <ul style="list-style-type: none"> • ABO • Rhesus (D, C, c, E, e) | <p>Manufacturer's instructions for Diamed cards in conjunction with in house documented methods: BTLP028/BTLP029/ TNL020</p> | B |
| | <p>Cord Blood investigations Detection of ABO and Rh D</p> | <p>Manufacturer's instructions for Diamed cards in conjunction with in house documented methods: BTLP032</p> | A |



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| HUMAN BODY FLUIDS (cont'd) | <u>Blood Transfusion examination activities for the purpose of clinical diagnosis (cont'd)</u> | | |
| | Detection of red cell phenotype C, c, E, e, K | Manufacturer's instructions for Diamed cards column and direct agglutination in conjunction with in house documented methods: BTLP030 | A, B |
| Whole blood (EDTA) | Estimation of fetomaternal haemorrhage (FMH) | Manufacturer's instructions for Guest medical foetal red cell detection kit in conjunction with in house documented method BTLP033 | A |
| | Direct antiglobulin test | Screen: Echo analyser (RSUH only) or DiaMed-ID LISS-Coombs 37°C card BTLP035 Mono-specifics: Manufacturer's instructions for Diamed cards column agglutination in conjunction with in house documented methods: BTLP035 | A, B |
| | Compatibility testing of donor red cells | In house documented manual methods BTLP002 BTLP003 TNP006 | A, B |
| Whole blood (EDTA) | Quantitation of CD4 Quantitation of stem cells (CD34) Quantitation of TBNK cells (CD16/56) | Manufacturer's instructions for BD Biosciences for FACSDuet sample preparation assistant & FACSLytic Flow Cytometer SOP HST004 FACSLytic and Duet procedure | A |

END