# Schedule of Accreditation

**issued by**

# United Kingdom Accreditation Service

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

**8149**

**Accredited to ISO 15189:2022**

## University Hospital Southampton NHS Foundation Trust

**Issue No:** 014 **Issue date:** 17 August 2026

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|---|---|
| **Southampton General Hospital**<br>**Pathology Department**<br>**Tremona Road**<br>**Southampton**<br>**SO16 6YD**<br>**United Kingdom** | **Contact: Rob Rowe**<br>**Tel: +44 (0) 23 8120 6709**<br>**E-Mail: Rob.Rowe@uhs.nhs.uk**<br>**Website: www.uhspathology.co.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 |
|---|---|---|---|
| **Address**<br>Department of Haematology &<br>Blood Transfusion<br>Southampton General Hospital<br>Tremona Road<br>Southampton<br>SO16 6YD<br>United Kingdom | **Local contact**<br>Haematology<br>Contact: Ian Howard<br>Tel: +44 (0) 23 8120 6267<br>E-Mail: Ian.Howard@uhs.nhs.uk<br><br>Blood Transfusion<br>Contact: Kerry Dowling<br>Tel: +44 (0) 23 8120 6267<br>E-Mail: Kerry.Dowling@uhs.nhs.uk | Haematology<br>Coagulation<br>Blood Transfusion<br>Blood Transfusion Issue Fridge | A |

**Site activities performed away from the locations listed above:**

| Location details | Activity | Location code |
|---|---|---|
| ED Department Southampton General Hospital<br>Tremona Road<br>Southampton<br>SO16 6YD | Blood Issue Fridge<br>No testing occurs on this site, blood storage only | |
| D Level Critical Care Lab Southampton General Hospital<br>Tremona Road<br>Southampton<br>SO16 6YD | Blood Issue Fridge<br>No testing occurs on this site, blood storage only | |
| E Level Theatres Southampton General Hospital<br>Tremona Road<br>Southampton<br>SO16 6YD | Blood Issue Fridge<br>No testing occurs on this site, blood storage only | |

| | |
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| | **University Hospital Southampton NHS Foundation Trust**<br>**Issue No:** 014 **Issue date:** 17 August 2026 |

**Testing performed by the Organisation at the locations specified**

| Location details | Activity | Location code |
|---|---|---|
| F Level Theatres Southampton General Hospital<br>Tremona Road<br>Southampton<br>SO16 6YD | Blood Issue Fridge<br>No testing occurs on this site, blood storage only | |
| Theatres<br>Princess Anne Hospital<br>Coxford Road<br>Southampton<br>Hampshire<br>SO16 5YA | Blood Issue Fridge<br>No testing occurs on this site, blood storage only | |
| Analyser Room<br>Lymington New Forest Hospital<br>Southern Health<br>Wellworthy Road<br>Lymington<br>Hampshire<br>SO41 8QD | Blood Issue Fridge<br>No testing occurs on this site, blood storage only | |
| Neuro Theatres<br>Southampton General Hospital<br>Tremona Road<br>Southampton<br>SO16 6YD | Blood Issue Fridge<br>No testing occurs on this site, blood storage only | |
| G-Level Theatres<br>Southampton General Hospital<br>Tremona Road<br>Southampton<br>SO16 6YD | Blood Issue Fridge<br>No testing occurs on this site, blood storage only | |

Detail of Accreditation

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| HUMAN BODY FLUIDS: | Haematology examination activities for the purposes of clinical diagnosis: | In house documented procedures based on equipment manuals and standard methods as specified below: | |
| EDTA whole blood | Full Blood Counts and automated differential:<br>Haemoglobin (Hb)<br>White Blood count (WBC)<br>Platelet count<br>Red Blood count (RBC)<br>Haematocrit (HCT)<br>Mean Cell Volume (MCV)<br>Mean Cell Haemoglobin (MCH)<br>Mean Cell Haemoglobin Concentration (MCHC)<br>Neutrophil<br>Lymphocyte<br>Monocyte<br>Eosinophil<br>Basophil<br>Nucleated RBC<br>Reitculocyte | Sysmex XN9000<br>Fluorescence flow cytometry, electrical impedance,<br>SLS- haemoglobin method,<br>RBC pulse height detection method sheath flow direct current (DC) detection method and calculated red cell parameters<br>XN-Series: Processing FBC and Retic Samples<br>SOPs HMXN1 to 13 | A |
| EDTA whole blood | Blood Film: Detection of normal and abnormal morphologies and white blood cell differential<br><br>Blood Film: Detection of normal and abnormal morphologies | Manual slide preparation and:<br>Interpretation using light microscopy<br>SOPs HMMO 3.1, 3.2<br><br>Automated MGG Staining:<br>Sysmex SP10<br>Using May-Grunwald / Giemsa stain (pH 6.8)<br>SOP HMXN8<br><br>Manual MGG Staining:<br>Using May-Grunwald / Giemsa stain (pH 6.8)<br>SOP HMMO 4.1, 4.2, 4.3 | A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| HUMAN BODY FLUIDS (cont'd) | Haematology examination activities for the purposes of clinical diagnosis (cont'd) | In house documented procedures | |
| EDTA whole blood | Erythrocyte sedimentation rate (ESR) | Automated<br>SOPs HMM1 using StaRRsed Auto Compact and/or InteRRlineR ESR analyser's<br>Gravity Modified Westergren | A |
| EDTA plasma | Infectious Mononucleosis (IM) screening test to detect IM hetrophile antibodies | SOP HMM3 Biosign Monolatex kit – latex agglutination Kit using direct solid-phase immunoassay technology | A |
| EDTA whole blood | Malaria positive blood film assessment (confirmatory test and provisional speciation) for:<br>*Plasmodium falciparum*<br>*Plasmodium malariae*<br>*Plasmodium ovale*<br>*Plasmodium vivax* | SOP HMMO8.1 (Thin films) and HMMO8.2 (Thick films) using Digital and manual Microscope<br>Using Giemsa stain (pH 7.2) | A |
| EDTA whole blood | Glucose-6-Phosphate Dehydrogenase (G6PD) screen | SOP HMSH2.2 using Trinity Biotech G6PD kit<br>Flourescent spot | A |
| EDTA whole blood | Sickle screens to detect presence of HbS (Neg / Pos) | Helena HbS solubility screening kit<br>SOP HMSH 1.4 | A |
| EDTA whole blood | Quantification of HbS (%) | TOSOH G11 HPLC<br>SOP HMSH 1.9 | A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| HUMAN BODY FLUIDS (cont'd) | Haematology examination activities for the purposes of clinical diagnosis (cont'd) | In house documented procedures | |
| | Haemoglobinopathy screen, quantification of: | Documented in-house methods to meet the requirements of the SCT screening programme as defined in the 27th July 2018 'NHS Sickle Cell and Thalassaemia Screening Programme: laboratory quality assurance evidence requirements'. | |
| EDTA whole blood | HbA2<br>HHbF<br>HbD<br>HbE<br>HbS | SOP HMSH 1.2 using Tosoh G11HPLC | A |
| EDTA whole blood | HbA2<br>HHbF<br>HbD<br>HbE<br>HbS | SOP HMSH1.3 using manual Helena electrophoresis system | A |
| EDTA whole blood | HBA1C | SOP HMXN 14 TOSOH G11 HPLC | A |
| EDTA whole blood | Detection of Plasmodium species DNA | Alethia Malaria DNA Amplification Assay for the detection of Plasmodium species using Loop Mediated Amplification (LAMP) SOP HMMO 8.0 | A |
| | Coagulation | ACL TOP 750 in conjunction with: | |
| Citrated plasma | Activated Partial Thromboplastin Time (APTT) and Activated Partial Thromboplastin Time Ratio (APTR) | SOP - CORA :2.2 using light absorbance | A |
| Citrated plasma | D-Dimer | SOP - CORA :2.3 using turbidimetric immunoassay | A |
| Citrated plasma | Prothrombin Time and International normalised ratio (INR) | SOP - CORA :2.1 Quantitative technique using light absorbance changes | A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| HUMAN BODY FLUIDS (cont'd) | Haematology examination activities for the purposes of clinical diagnosis (cont'd) | In house documented procedures | |
| | Coagulation (cont'd) | ACL TOP 750 | |
| Citrated plasma | Factor II assay<br>Factor V assay<br>Factor VII assay<br>Factor VIII assay<br>Factor IX assay<br>Factor X assay<br>Factor XI assay<br>Factor XII assay | SOP - COSP: 1.3 and 1.4<br>Quantitative technique using light absorbance changes | A |
| Citrated plasma | Inhibitor screen | SOP – COSP: 1.1<br>Quantitative technique using light absorbance changes | A |
| Citrated plasma | Lupus screen | SOP – COTH: 2.5<br>Quantitative technique using light absorbance changes | A |
| Citrated plasma | Thrombin time | SOP – COTH: 2.2<br>Quantitative technique using light absorbance changes | A |
| Citrated plasma | Heparin anti-Xa assay for LMWH, UFH, and direct oral anticoagulants (DOAC) | SOP COTH 1. 7<br>Chromogenic (Absorbance) Measurement | A |
| Citrated plasma | Antithrombin Activity | SOP COTH2.1<br>Chromogenic (Absorbance) Measurement | A |
| Citrated plasma | Von Willibrand antigen assay | SOP COVW1.1<br>Turbidimetric immunoassay | A |
| Citrated plasma | Protein C | SOP COTH 2.4<br>Chromogenic (Absorbance) Measurement | A |
| Citrated plasma | Protein S- Free antigen activity | SOP COTH 2.3<br>Using tubidometric immunoassay | A |

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|---|---|---|---|
| HUMAN BODY FLUIDS (cont'd) | Haematology examination activities for the purposes of clinical diagnosis (cont'd) | In house documented procedures | |
| | Coagulation (cont'd) | ACL TOP 750 | |
| Citrated plasma | ADAMTS13 Activity | Werfen AcuStar SOP COVW 2.0 Using Chemoluminescence Assay | A |
| Citrated Plasma | Collagen Binding Assay (von Willebrands Activity | Werfen AcuStar SOP COVW 1.7 Using Chemoluminescence Assay | A |
| Citrated Plasma and Serum | HIT IgG (PF4-H) | Werfen AcuStar SOP COVW 3.0 Using Chemoluminescence Assay | A |
| Serum | Detection of antibodies related to Heparin induced Thrombocytopenia | Immucor HIT PF4 ELISA Microplate reader SOP BTTE3.7 | A |
| | Blood transfusion examination activities for the purposes of clinical diagnosis | In house documented procedures based on equipment manuals and standard methods as specified below: | |
| EDTA whole blood | Blood Group and red cell phenotype:<br>• ABO Blood Groups (forward and reverse)<br>• ABO Blood Group (forward only)<br>• Rh Blood Group antigens (C, c, D, E, e)<br>K Blood group antigen | Automated<br>SOP BTTE 2.1, 2.5 using Ortho Vision Swift Analyser and Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards<br><br>Manual<br>SOP BTTE 2.1, 2.5 using Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards | A<br><br>A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| HUMAN BODY FLUIDS (cont'd) | Blood transfusion examination activities for the purposes of clinical diagnosis (cont'd) | In house documented procedures | |
| EDTA whole blood | Blood Group- Abbreviated check group:<br>• A, B, O<br>• Rh D | Automated<br>SOP BTTE 2.1 using Ortho Vision Swift Analyser and Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards | A |
| | | Manual<br>SOP BTTE 2.1 using Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards | A |
| EDTA whole blood | Extended Red Cell phenotype:<br>• Fya, Fyb<br>• M,N,S,s<br>• Jka, Jkb | Automated<br>SOP BTTE 2.6 using Ortho Vision Swift Analyser and Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards | A |
| | | Manual<br>SOP BTTE 2.6 using Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards | A |
| EDTA whole blood and plasma | Screening for antibodies to red cell antigens:<br>• D, C, E, c, e, f, Cw, V ,K, k, Kpa, Kpb, Jsa, Jsb, Fya, Fyb, Jka, Jkb, Xga, Lea, Leb, S, s, M, N, P1, Lua, Lub | Automated<br>SOP BTTE2.3 using Ortho Vision Swift Analyser and Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards | A |
| | | Manual<br>SOP BTTE2.3 using Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards | A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| HUMAN BODY FLUIDS (cont'd) | Blood transfusion examination activities for the purposes of clinical diagnosis (cont'd) | In house documented procedures | |
| EDTA whole blood and plasma | Identification of antibodies to red cell antigens:<br>• D, C, E, c, e, f, Cw, V ,K, k, Kpa, Kpb, Jsa, Jsb, Fya, Fyb, Jka, Jkb, Xga, Lea, Leb, S, s, M, N, P1, Lua, Lub | Automated<br>SOP BTTE2.3 using Ortho Vision Swift Analyser and Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards | A |
| | | Manual<br>SOP BTTE2.3 using Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards | A |
| EDTA plasma | Serological Crossmatching | Automated<br>SOP BTIS 2.5 using Ortho Vision Swift Analyser and Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards | A |
| | | Manual<br>SOP BTIS2.5 using Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards | A |
| EDTA whole blood | Monospecific DAT | Automated<br>SOP BTTE2.4 using Ortho Vision Swift Analyser and Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards | A |
| | | Manual<br>SOP BTTE2.4 using Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards | A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| HUMAN BODY FLUIDS (cont'd) | Blood transfusion examination activities for the purposes of clinical diagnosis (cont'd) | In house documented procedures | |
| EDTA whole blood | Anti-A, -B titres | Automated<br>SOP BTTE2.7 using Ortho Vision Swift Analyser and Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards | A |
| | | Manual<br>SOP BTTE2.7 using Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards | A |
| EDTA whole blood | Antibody screen for prophylactic anti-D | Automated<br>SOP BTTE2.3 using Ortho Vision Swift Analyser and Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards | A |
| | | Manual<br>SOP BTTE2.3 using Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards | A |
| END | | | |