


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

|   |   |  |
|---|---|--|
|  <p><b>UKAS</b><br/>MEDICAL<br/>8149</p> <p>Accredited to<br/>ISO 15189:2022</p> | <b>University Hospital Southampton NHS Foundation Trust</b>   |  |
|   | <b>Issue No: 011    Issue date: 09 June 2025</b>  |  |
|   | <b>Southampton General Hospital<br/>Pathology Department<br/>Tremona Road<br/>Southampton<br/>SO16 6YD<br/>United Kingdom</b> | <b>Contact: Rob Rowe<br/>Tel: +44 (0) 23 8120 6709<br/>E-Mail: Rob.Rowe@uhs.nhs.uk<br/>Website: www.uhspathology.co.uk</b> |
| <b>Testing performed by the Organisation at the locations specified below</b>   |   |  |

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

| Location details   | Activity  | Location code |
|--|---|---------------|
| <p><b>Address</b><br/>Department of Haematology &amp; Blood Transfusion<br/>Southampton General Hospital<br/>Tremona Road<br/>Southampton<br/>SO16 6YD<br/>United Kingdom</p> <p><b>Local contact</b><br/><u>Haematology</u><br/>Contact: Ian Howard<br/>Tel: +44 (0) 23 8120 6267<br/>E-Mail: Ian.Howard@uhs.nhs.uk</p> <p><u>Blood Transfusion</u><br/>Contact: Kerry Dowling<br/>Tel: +44 (0) 23 8120 6267<br/>E-Mail: Kerry.Dowling@uhs.nhs.uk</p> | <p>Haematology<br/>Coagulation<br/>Blood Transfusion<br/>Blood Transfusion Issue Fridge</p> | A             |

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

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



8149

Accredited to  
ISO 15189:2022

## Schedule of Accreditation

issued by

### United Kingdom Accreditation Service

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

### University Hospital Southampton NHS Foundation Trust

Issue No: 011 Issue date: 09 June 2025

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 |               |



8149

Accredited to  
ISO 15189:2022

## Schedule of Accreditation

issued by

### United Kingdom Accreditation Service

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

### University Hospital Southampton NHS Foundation Trust

Issue No: 011 Issue date: 09 June 2025

Testing performed by the Organisation at the locations specified

#### 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 purposes of clinical diagnosis:</u>  | 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 impedence, SLS- haemoglobin method, 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: 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             |



8149

Accredited to  
ISO 15189:2022

## Schedule of Accreditation

issued by

### United Kingdom Accreditation Service

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

### University Hospital Southampton NHS Foundation Trust

Issue No: 011 Issue date: 09 June 2025

Testing performed by the Organisation at the locations specified

| Materials/Products tested  | Type of test/Properties measured/Range of measurement                                     | Standard specifications/ Equipment/Techniques used  | Location Code |
|----------------------------|---|---|---------------|
| HUMAN BODY FLUIDS (cont'd) | <u>Haematology examination activities for the purposes of clinical diagnosis (cont'd)</u> | In house documented procedures (cont'd)   |               |
| EDTA whole blood           | Erythrocyte sedimentation rate (ESR)  | <u>Automated</u><br>SOPs HMM1 using StaRRsed Interliner AutoCompact ESR analyser<br>Gravity Modified Westergren   | A             |
| EDTA plasma                | Infectious Mononucleosis (IM) screening test to detect IM heterophile 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)     | SOP HMMO8.1 and HMMO8.2 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 1.14  | A             |
| EDTA whole blood           | Quantification of HbS (%)   | BioRad Variant II HPLC<br>SOP HMSH 1.14   |               |
| EDTA whole blood           | Haemoglobinopathy screen, quantification of:<br><br>HbA2<br>HHbF<br>HbD<br>HbE<br>HbS     | Documented in-house methods to meet the requirements of the SCT screening programme as defined in the 27th July 2018 'NHS Sickle Cell and Thalassemia Screening Programme: laboratory quality assurance evidence requirements'.<br>SOP HMSH 1.2 using Tosoh G11HPLC and<br>SOP HMSH1.3 using manual Helena electrophoresis system | A             |



8149

Accredited to  
ISO 15189:2022

## Schedule of Accreditation

issued by

### United Kingdom Accreditation Service

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

### University Hospital Southampton NHS Foundation Trust

Issue No: 011 Issue date: 09 June 2025

Testing performed by the Organisation at the locations specified

| Materials/Products tested  | Type of test/Properties measured/Range of measurement  | Standard specifications/ Equipment/Techniques used                            | Location Code |
|----------------------------|--|---|---------------|
| HUMAN BODY FLUIDS (cont'd) | <u>Haematology examination activities for the purposes of clinical diagnosis (cont'd)</u>  | In house documented procedures (cont'd)                                       |               |
| Citrated plasma            | <u>Coagulation</u><br>Activated Partial Thromboplastin Time (APTT) and Activated Partial Thromboplastin Time Ratio (APTR)                              | ACL TOP 700 in conjunction with: 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             |
| 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 Quantitative technique using light absorbance changes | A             |
| Citrated plasma            | Inhibitor screen   | SOP – COSP: 1.1 Quantitative technique using light absorbance changes         | A             |
| Citrated plasma            | Lupus screen   | SOP – COTH: 2.5 Quantitative technique using light absorbance changes         | A             |
| Citrated plasma            | Thrombin time  | SOP – COTH: 2.2 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 Chromogenic (Absorbance) Measurement                            | A             |
| Citrated plasma            | Antithrombin Activity  | SOP COTH2.1 Chromogenic (Absorbance) Measurement                              | A             |



8149

Accredited to  
ISO 15189:2022

## Schedule of Accreditation

issued by

### United Kingdom Accreditation Service

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

### University Hospital Southampton NHS Foundation Trust

Issue No: 011 Issue date: 09 June 2025

Testing performed by the Organisation at the locations specified

| Materials/Products tested  | Type of test/Properties measured/Range of measurement                                     | Standard specifications/ Equipment/Techniques used           | Location Code |
|----------------------------|---|--|---------------|
| HUMAN BODY FLUIDS (cont'd) | <u>Haematology examination activities for the purposes of clinical diagnosis (cont'd)</u> | In house documented procedures (cont'd)                      |               |
|                            | <u>Coagulation (Cont'd)</u>   | ACL TOP 700 (Cont'd):  |               |
| 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 turbidometric immunoassay              | A             |
| Citrated plasma            | ADAMTS13 Activity   | Werfen AcuStar SOP COVW 2.0<br>Using Chemoluminescence Assay | A             |
| Citrated Plasma            | Collagen Binding Assay (von Willebrands Activity)   | Werfen AcuStar SOP COVW 1.7<br>Using Chemoluminescence Assay | A             |
| Citrated Plasma and Serum  | HIT IgG (PF4-H)   | Werfen AcuStar SOP COVW 3.0<br>Using Chemoluminescence Assay | A             |



8149

Accredited to  
ISO 15189:2022

## Schedule of Accreditation

issued by

### United Kingdom Accreditation Service

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

### University Hospital Southampton NHS Foundation Trust

Issue No: 011 Issue date: 09 June 2025

Testing performed by the Organisation at the locations specified

| Materials/Products tested | Type of test/Properties measured/Range of measurement  | Standard specifications/ Equipment/Techniques used  | Location Code |
|---------------------------|--|---|---------------|
| HUMAN BODY FLUIDS         | <u>Blood transfusion examination activities for the purposes of clinical diagnosis</u>   | In house documented procedures based on equipment manuals and standard methods as specified below:  |               |
| EDTA whole blood          | Blood Group and red cell phenotype: <ul style="list-style-type: none"> <li>• ABO Blood Groups (forward and reverse)</li> <li>• ABO Blood Group (forward only)</li> <li>• Rh Blood Group antigens (C, c, D, E, e)</li> <li>• K Blood group antigen</li> </ul> | <u>Automated</u><br>SOP BTMA 2.2 using Ortho Vision Swift Analyser and Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards<br><br><u>Manual</u><br>SOP BTMA 2.1, 2.2, 2.3 using Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards | A<br><br>A    |
| EDTA whole blood          | Blood Group- Abbreviated check group: <ul style="list-style-type: none"> <li>• A, B, O</li> <li>• Rh D</li> </ul>  | <u>Automated</u><br>SOP BTMA 2.2 using Ortho Vision Swift Analyser and Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards<br><br><u>Manual</u><br>SOP BTMA 2.2 using Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards           | A<br><br>A    |



8149

Accredited to  
ISO 15189:2022

## Schedule of Accreditation

issued by

### United Kingdom Accreditation Service

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

### University Hospital Southampton NHS Foundation Trust

Issue No: 011 Issue date: 09 June 2025

Testing performed by the Organisation at the locations specified

| Materials/Products tested   | Type of test/Properties measured/Range of measurement   | Standard specifications/ Equipment/Techniques used  | Location Code |
|-----------------------------|---|---|---------------|
| HUMAN BODY FLUIDS (cont'd)  | <u>Blood transfusion examination activities for the purposes of clinical diagnosis (cont'd)</u>   | In house documented procedures (cont'd)   |               |
| EDTA whole blood            | Extended Red Cell phenotype: <ul style="list-style-type: none"> <li>Fya, Fyb</li> <li>M,N,S,s</li> <li>Jka, Jkb</li> </ul>  | <u>Automated</u><br>SOP BTMA 2.2 using Ortho Vision Swift Analyser and Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards | A             |
| EDTA whole blood and plasma | Screening for antibodies to red cell antigens: <ul style="list-style-type: none"> <li>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</li> </ul>     | <u>Manual</u><br>SOP BTMA 2.1, 2.2, 2.3 using Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards                          | A             |
| EDTA whole blood and plasma | Screening for antibodies to red cell antigens: <ul style="list-style-type: none"> <li>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</li> </ul>     | <u>Automated</u><br>SOP BTMA 3.1 using Ortho Vision Swift Analyser and Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards | A             |
| EDTA whole blood and plasma | Identification of antibodies to red cell antigens: <ul style="list-style-type: none"> <li>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</li> </ul> | <u>Manual</u><br>SOP BTMA 3.1 using Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards                                    | A             |



8149

Accredited to  
ISO 15189:2022

## Schedule of Accreditation

issued by

### United Kingdom Accreditation Service

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

### University Hospital Southampton NHS Foundation Trust

Issue No: 011 Issue date: 09 June 2025

Testing performed by the Organisation at the locations specified

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used  | Location Code |
|---------------------------|---|---|---------------|
| EDTA plasma               | Serological Crossmatching                             | <u>Automated</u><br>SOP BTXM 1.4 using Ortho Vision Swift Analyser and Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards<br><br><u>Manual</u><br>SOP BXM 1.4 using Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards  | A<br><br>A    |
| EDTA whole blood          | Monospecific DAT                                      | <u>Automated</u><br>SOP BTMA 5.2 using Ortho Vision Swift Analyser and Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards<br><br><u>Manual</u><br>SOP BTMA 5.2 using Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards | A<br><br>A    |
| EDTA whole blood          | Anti-A, -B titres                                     | <u>Automated</u><br>SOP BTMA 6.1 using Ortho Vision Swift Analyser and Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards<br><br><u>Manual</u><br>SOP BTMA 6.1 using Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards | A<br><br>A    |
| EDTA whole blood          | Antibody screen for prophylactic anti-D               | <u>Automated</u><br>SOP BTMA 3.2 using Ortho Vision Swift Analyser and Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards<br><br><u>Manual</u><br>SOP BTMA 3.2 using Ortho Biovue Column Agglutination Technology (CAT) microcolumn cards | A<br><br>A    |



8149

Accredited to  
ISO 15189:2022

## Schedule of Accreditation

issued by

### United Kingdom Accreditation Service

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

### University Hospital Southampton NHS Foundation Trust

Issue No: 011 Issue date: 09 June 2025

Testing performed by the Organisation at the locations specified

| Materials/Products tested | Type of test/Properties measured/Range of measurement               | Standard specifications/ Equipment/Techniques used          | Location Code |
|---------------------------|---|---|---------------|
| Serum                     | Detection of antibodies related to Heparin induced Thrombocytopenia | Immucor HIT PF4 ELISA<br>Microplate reader<br>SOP BTMA 6.13 |               |
| END                       |   |   |               |