


# 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</p> <p><b>8046</b></p> <p>Accredited to<br/>ISO 15189:2022</p> | <p><b>NHS Greater Glasgow &amp; Clyde</b></p> <p>Issue No: 017 Issue date: 23 March 2026</p>  |  |
|   | <p>Royal Alexandria Hospital<br/>Corsebar Road<br/>Paisley<br/>PA2 9PN<br/>United Kingdom</p> | <p>Contact: Patricia Bradley<br/>Tel: +44 (0)1413146162<br/>E-Mail: Patricia.Bradley@nhs.scot<br/>Website: <a href="https://www.nhsggc.scot/staff-recruitment/staff-resources/laboratory-medicine/haematology-and-blood-transfusion/clyde-sector-haematology/">https://www.nhsggc.scot/staff-recruitment/staff-resources/laboratory-medicine/haematology-and-blood-transfusion/clyde-sector-haematology/</a></p> |
| <p>Testing performed by the Organisation at the locations specified below</p>   |   |  |

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

#### Laboratory locations:

| Location details  | Activity  | Location code |
|---|---|---------------|
| <p><b>Address</b><br/>Royal Alexandria Hospital<br/>Corsebar Road<br/>Paisley<br/>PA2 9PN<br/>United Kingdom</p> <p><b>Local contact</b><br/>Contact: Patricia Bradley<br/>Tel: +44 (0)1413146162<br/>E-Mail: Patricia.Bradley@nhs.scot</p> | Haematology and Blood Transfusion                         | A             |
| <p><b>Address</b><br/>Inverclyde Hospital<br/>Larkfield Road<br/>Greenock<br/>PA16 0XN<br/>United Kingdom</p> <p><b>Local contact</b><br/>Contact: Patricia Bradley<br/>Tel: +44 (0)1413146162<br/>E-Mail: Patricia.Bradley@nhs.scot</p>    | Haematology and Blood Transfusion                         | B             |
| <p><b>Address</b><br/>Vale of Leven Hospital<br/>Main Street<br/>Alexandria<br/>G83 0UA<br/>United Kingdom</p> <p><b>Local contact</b><br/>Contact: Patricia Bradley<br/>Tel: +44 (0)1413146162<br/>E-Mail: Patricia.Bradley@nhs.scot</p>   | Haematology<br>Blood storage fridge managed by laboratory | C             |

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

| Location details                                       | Activity   | Location code |
|--|--|---------------|
| <p>Blood fridge<br/>Cowell Hospital<br/>Dunoon</p>     | Blood storage only<br>Fridge managed by laboratory | D             |
| <p>Blood fridge<br/>Victoria Hospital<br/>Rothesay</p> | Blood storage only<br>Fridge managed by laboratory | E             |



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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<br><br>Venous Blood; red cells | <p><u>Blood Transfusion examinations to assist in clinical investigations</u></p> <p>Blood Grouping by antigen detection</p> <ul style="list-style-type: none"> <li>• A B and O groups</li> <li>• Rhesus groups, antigens-; C<sup>w</sup>, C, c, D, E, e,</li> <li>• Kell blood grouping system, antigens: K, k, Kp<sup>a</sup>,</li> <li>• Kidd blood grouping system, antigens: - Jk<sup>a</sup>, Jk<sup>b</sup>,</li> <li>• Duffy blood grouping system, antigens:- Fy<sup>a</sup>, Fy<sup>b</sup>,</li> <li>• Lutheran blood grouping system, antigens: Lu<sup>a</sup>,</li> <li>• MNS blood grouping system, antigens: M, N, S, s,</li> <li>• Lewis blood grouping system, antigens: Le<sup>a</sup>, Le<sup>b</sup>,</li> <li>• P blood grouping system, antigen;- P<sub>1</sub>:</li> </ul> | <p>Procedures documented in relevant equipment manuals and in house documented procedures by the following methods</p> <p>SOPs: EP-CBTR-010 Ortho Vision analyser and associated testing protocols – fully automated Ortho cassette technology <b>or</b></p> <p>Manual procedures by Ortho cassette technology.</p> | A, B          |



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| <p>HUMAN BODY FLUIDS (cont'd)</p> <p>Venous Blood; plasma</p> | <p><u>Blood Transfusion examinations to assist in clinical investigations</u> (cont'd)</p> <p>Detection and quantification of the following Antibodies</p> <ul style="list-style-type: none"> <li>• Rhesus blood group antibodies:<br/>anti-C<sup>w</sup>, anti-C, anti-c, anti-D, anti-E, anti-e,</li> <li>• Kell system blood group antibodies:<br/>anti-K, anti-k, anti-Kp<sup>a</sup>,</li> <li>• Kidd blood group antibodies:<br/>anti-Jk<sup>a</sup>, anti-Jk<sup>b</sup>,</li> <li>• Duffy blood group antibodies:<br/>anti-Fy<sup>a</sup>, anti-Fy<sup>b</sup>,</li> <li>• Lutheran blood group antibodies:<br/>anti-Lu<sup>a</sup>,</li> <li>• MNS blood group antibodies:<br/>anti-M, anti-N, anti-S, anti-s,</li> <li>• Lewis blood group antibodies:<br/>anti-Le<sup>a</sup>, anti-Le<sup>b</sup>,</li> <li>• P blood group antibodies:<br/>anti-P<sub>1</sub></li> </ul> | <p>Procedures documented in relevant equipment manuals and in house documented procedures by the following methods</p> <p>SOP: EP-CBTR-010 Ortho Vision analyser and associated testing protocols including Direct AHG– fully automated Ortho cassette technology <b>or</b></p> <p>Manual procedures by Ortho cassette technology.</p> | <p>A, B</p>   |



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| HUMAN BODY FLUIDS<br>(cont'd)    | <u>Blood Transfusion examinations to assist in clinical investigations</u> (cont'd)  | Procedures documented in relevant equipment manuals and in house documented procedures by the following methods   |               |
| Venous Blood; plasma<br>(cont'd) | Compatibility testing:-<br><br>Compatibility testing of patients plasma with donor cells   | SOP: EP-CBTR-010 Ortho Vision analyser and associated testing protocols including Direct AHG– fully automated Ortho cassette technology <b>or</b><br><br>Manual procedures by Orthocassette technology. | A, B          |
| Venous Blood; plasma             | Electronic Issue<br><br>Quantification of the following antibodies:<br><br><ul style="list-style-type: none"> <li>• Rhesus: anti-C<sup>w</sup>, anti-C, anti-c, anti-D, anti-E, anti-e,</li> <li>• Kell system: anti-K, anti-k, anti-Kp<sup>a</sup>,</li> <li>• Kidd: anti-Jk<sup>a</sup>, anti-Jk<sup>b</sup>,</li> <li>• Duffy: anti-Fy<sup>a</sup>, anti-Fy<sup>b</sup>,</li> </ul> | Associated testing protocols LP-CBTR-028<br><br>SOP: LP-CBTR-021 using by serial dilution of plasma followed by Agglutination detection by Ortho Vision analyser cassette technology                    | A, B          |
| Venous Whole Blood               | Kleihauer for foetal/maternal bleed estimation reported as ml foetal red cells in maternal circulation   | SOP:EP-CBTR-008 using Kleihauer testing by acid elution technique followed by microscopy  | A, B          |



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| HUMAN BODY FLUIDS<br>(cont'd) | <u>Haematological examinations to assist in clinical diagnosis</u>   | Procedures documented in relevant equipment manuals and in house documented procedures by the following methods   |  |
| Venous whole blood: EDTA      | <p>Full Blood Counts</p> <ul style="list-style-type: none"> <li>Haemoglobin estimation</li> <li>Red cell and platelet counts</li> <li>Haematocrit</li> <li>Differential white cell count and reticulocytes</li> </ul> <ul style="list-style-type: none"> <li>MCV</li> <li>MCH</li> <li>MCHC</li> </ul> <p>Blood Film reporting of normal and abnormal morphologies including WBC Diff</p> <p>Malarial Parasite detection and speciation</p> <ul style="list-style-type: none"> <li><u>P.falciparum</u></li> <li><u>P.vivax</u></li> <li><u>P.ovale</u></li> <li><u>P.malariae</u></li> </ul> | <p>Sysmex XN series Haematology Analysers<br/>Model: XN-10 on the Abbott track system SOP: EP-RHAE-001<br/>Model: XN-550 SOP: EP-CHAE 010</p> <p>By Calculation</p> <p>May-Grunwald staining on methanol fixed blood smears by</p> <ul style="list-style-type: none"> <li>Sysmex SP50 SOP: EP-CHAE-001</li> <li>Or by Manual method: Diff Quick stain SOP: LI CHAE-072</li> </ul> <p>1) SOP: EP-CHAE-005<br/>Antigen testing with CareUS RDT</p> <p>2) SOP: EP-CHAE-005<br/>Microscopic detection by Thin film - May-Grunwald staining on methanol fixed blood smears by Sysmex SP50</p> <p>3) SOP: EP-CHAE-005 Thin film by Giemsa MP staining</p> <p>4) SOP: EP-CHAE-005 Thick Film by Biognost Field Kit</p> | <p>A</p> <p>B, C</p> <p>A, B, C</p> <p>A, B</p> <p>A, B, C</p> <p>A, B, C</p> <p>A, B</p> <p>A, B</p> <p>A, B, C</p> |
| Venous Blood/Serum/Plasma     | Glandular Fever Screen for Infectious Mononucleosis  | SOP – EP-CHAE-003<br>Clearview IM II Kit (Alere) – Lateral flow immunoassay for detection of heterophile antibodies   | A, B, C  |



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| HUMAN BODY FLUIDS (cont'd)        | <u>Haematological examinations to assist in clinical diagnosis</u> (cont'd)   | Procedures documented in relevant equipment manuals and in house documented procedures by the following methods            |               |
| Venous whole blood: EDTA (cont'd) | Erythrocyte Sedimentation rate  | SOP: EP-CHAE-002 Electronic detection of RBC/plasma interface<br><br>Starssted Flex  | A             |
|                                   |   | Starssted Autocompact  | A, B          |
| Venous Blood: Citrated            | Coagulation <ul style="list-style-type: none"> <li>• Prothrombin time</li> <li>• Activated Partial Thromboplastin Time</li> <li>• Fibrinogen estimation</li> <li>• Thrombin Time including correction with protamine sulphate</li> <li>• D-Dimer</li> </ul> | Using ACL TOP blood coagulation analysers using optical clot detection<br>SOPs: EP-CHAE-009<br>ACL TOP 750 and ACL TOP 550 | A             |
|                                   |   | ACL TOP 350  | B, C          |
| Venous whole blood: EDTA          | Detection of Haemoglobin S  | SickleDex Haemoglobin S solubility testing kit<br>SOP: EP-CHAE-004   | A, B          |
| END                               |   |  |               |