


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>Accredited to ISO 15189:2022</b>	<b>NHS Greater Glasgow and Clyde</b>  <b>Issue No: 009 Issue date: 24 March 2026</b>	
	<b>Department of Haematology &amp; Blood Transfusion</b> <b>Queen Elizabeth University Hospital &amp; Royal Hospital for Children</b> <b>1345 Govan Road</b> <b>Glasgow</b> <b>G51 4TF</b>	<b>Contact: Tom Moffat</b> <b>Tel: +44 (0) 141 354 9095</b> <b>Email: tom.moffat@nhs.scot</b>

**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
<b>Address</b> Department of Haematology & Blood Transfusion Queen Elizabeth University Hospital & Royal Hospital for Children 1345 Govan Road Glasgow G51 4TF	<b>Local contact</b> Tom Moffat Tel: +44 (0) 141 354 9095 Email: tom.moffat@nhs.scot	FBC Coagulation Haemoglobinopathies Blood Transfusion  A
<b>Address</b> Department of Haematology Victoria Ambulatory Care Hospital Grange Road Glasgow G42 9LF	<b>Local contact</b> Tom Moffat Tel: +44 (0) 141 354 9095 Email: tom.moffat@nhs.scot	FBC Coagulation  B
<b>Address</b> Royal Hospital for Children Queen Elizabeth University Hospital & Royal Hospital for Children 1345 Govan Road Glasgow G51 4TF	<b>Local contact</b> Tom Moffat Tel: +44 (0) 141 354 9095 Email: tom.moffat@nhs.scot	FBC  C



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

Location details	Activity
Blood Fridge Neurology Theatres QEUH	Blood Storage Only
Blood Fridge Acute Receiving Unit QEUH	Blood Storage Only
Blood Fridge Critical Care Unit QEUH	Blood Storage Only
Blood Fridge Adult Theatres (Hemobank) QEUH	Blood Storage Only
Blood Fridge Level 4 QEUH	Blood Storage Only
Blood Fridge Maternity Unit QEUH	Blood Storage Only
Blood Fridge Childrens Theatre QEUH	Blood Storage Only
Blood Fridge Clinic P at VACH	Blood Storage Only
Blood Fridge Emergency Department QEUH	Blood Storage Only



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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>Blood Transfusion examination activities for the purpose of clinical diagnosis</u>	Documented In-house methods using:	
Venous Blood	Blood Grouping <ul style="list-style-type: none"> <li>• A B O</li> <li>• Rhesus: C, c, D, E, e,</li> <li>• Kell</li> </ul>	Ortho Vision/Max analysers and associated testing protocols using automated Ortho cassette technology SOP: SG SOP B073  Rh-subgroup phenotyping cards SOP: SG-SOP-B043	A
	Antibody Detection	3 cell panels, 11 cell panels SOP: SG-SOP-B024	A
	Blood Grouping <ul style="list-style-type: none"> <li>• A B O</li> <li>• Rhesus:-C<sup>w</sup>,C, c, D, E, e,</li> <li>• K</li> <li>• Fya, Fyb</li> <li>• Jka, Jkb</li> <li>• Kpa</li> <li>• Lea, Leb</li> <li>• Lua</li> <li>• M, N, S, s</li> </ul>	Using Ortho cassette technology SOP: SG-SOP-B002 SG-SOP-B012	A
Venous Blood	Compatibility testing of patients plasma with donor cells	Fully automated Ortho cassette technology SOP: SG-SOP-B009	A
Venous Blood	Direct Anti-Human Globulin	Ortho Vision/Max and associated testing protocols – fully automated Ortho cassette technology. SOP: SG-SOP-B010	A
Venous Blood	Estimation of Foetal cells	Kleihauer by Acid Elution using Guest Medical kit SOP: SG-SOP-H038	A



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HUMAN BODY FLUIDS (cont'd)	<u>Haematology examination activities for the purpose of clinical diagnosis</u>	Documented In-house methods using:	
Venous Blood: Citrated	Blood Coagulation <ul style="list-style-type: none"> <li>• Prothrombin time               <ul style="list-style-type: none"> <li>○ INR</li> </ul> </li> <li>• Activated Partial Thromboplastin Time</li> <li>• Thrombin Time</li> <li>• Fibrinogen estimation               <ul style="list-style-type: none"> <li>○ Clauss</li> </ul> </li> <li>• Factors assays (II, V, VII, VIII, IX, X, XI &amp; XII)</li> <li>• Anti-Xa Assay</li> <li>• Anti-Thrombin Assay</li> <li>• D-Dimers</li> <li>• Von Williebrand Factor               <ul style="list-style-type: none"> <li>○ Antigen</li> <li>○ Activity</li> </ul> </li> <li>• Ristocetin Co-factor</li> </ul>	ACL TOPS 550  Turbidimetric method Clot detection by optical rate of change of absorbance end point being the maximum rate of change SOPs SG-SOP-C0015  SOP: SG-SOP-C006  Chromogenic SOP: SG-SOP-C009 SOP: SG-SOP-C005  Latex method SOP: SG-SOP-C004 SOP: SG-SOP-C011  SOP: SG-SOP-C012	A
Venous Blood: Citrated	Blood Coagulation <ul style="list-style-type: none"> <li>• Prothrombin time               <ul style="list-style-type: none"> <li>○ INR</li> </ul> </li> <li>• Activated Partial Thromboplastin Time</li> <li>• Thrombin Time</li> <li>• Fibrinogen estimation               <ul style="list-style-type: none"> <li>○ Clauss</li> </ul> </li> </ul> ESR	ACL TOP 350  Turbidimetric method Clot detection by optical rate of change of absorbance end point being the maximum rate of change SOPs SOPs SG-SOP-C0015  Visual detection of sedimentation interface by automated photometric detection (Starsted InterLiner RL) SOP: SG-SOP-H015	B   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 using:	
Venous whole blood: EDTA	<p>FBC</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</li> <li>• Reticulocyte</li> <li>• MCV</li> <li>• MCH</li> <li>• MCHC</li> </ul> <p>FBC</p> <ul style="list-style-type: none"> <li>• Haemoglobin estimation</li> <li>• Red cell and platelet counts</li> <li>• Retics</li> <li>• Haematocrit</li> <li>• Differential white cell count</li> <li>• MCV</li> <li>• MCH</li> <li>• MCHC</li> </ul>	<p>Sysmex XN 10/20 series Haematology Analysers SOP:SG-SOP-H011 Colorimetric</p> <p>Laser light scatter</p> <p>Calculated parameter from Haemoglobin and RBC Laser and light scatter and light absorbance Laser light scatter and absorbance Calculated parameters Calculated parameters Calculated parameters</p> <p>Sysmex Haematology XN 550 Analysers SOP: SG SOP 043. Colorimetric</p> <p>Laser light scatter</p> <p>Calculated parameter from Haemoglobin and RBC Laser and light scatter and light absorbance</p> <p>Calculated parameters Calculated parameters Calculated parameters</p>	<p>A</p> <p>B,C</p>



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HUMAN BODY FLUIDS (cont'd)	<u>Haematology examination activities for the purpose of clinical diagnosis</u> (cont'd)	Documented In-house methods using:	
Venous whole blood: EDTA	Malaria Parasite detection <ul style="list-style-type: none"> <li>• P.Falciparum</li> <li>• Non-falciparum</li> </ul>	Antigen testing with CareUS kit by Immunochromatographic interface SOP: SG-SOP-H002 and Thick film – Clintec Field Stain Thin Film – Giemsa Stain Examined by microscopy SOP: SG-SOP-H027	A
	Plasmodium Falciparum parasataemia	SOP Malarial Parasites Thin Film – Giemsa Stain. Enumeration by microscopy SOP: SG-SOP-H027	
Venous whole blood: EDTA	Identification of normal and abnormal morphologies including WBC differential count	Staining by SP 50 – examined by microscopy SOP: SG-SOP-H028 SG-SOP-H014	A
Bone Marrow Aspirate	Reporting of normal and abnormal morphologies	SP 50 – May Grunwald Giemsa stain – examined by microscopy SOP: SG-SOP-H030  Perl's Prussian Blue staining – Examined by microscopy. SOP: SG-SOP-H039	A
Venous whole blood :EDTA	Haemoglobin S	Sickledex Screening Test for HbS SOP: SG-SOP-H033	A
Venous whole blood :EDTA	Haemoglobinopathy Screening <ul style="list-style-type: none"> <li>○ HbA2</li> <li>○ HbF</li> <li>○ HbA</li> <li>○ HbS</li> <li>○ HbC</li> <li>○ HbD</li> <li>○ HbE</li> </ul>	BioRad variant 2 by HPLC SOP: SG-SOP-H005 And Sebia Gel electrophoresis acid and alkali SOP: SG-SOP-H016	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 using:	
Venous whole blood :EDTA	Infectious Mononucleosis screen (EBV) antibody	Clearview II Card Qualitative Immunoassay agglutination interpreted by visual inspection. SOP: SG-SOP-H001	A
Venous whole blood :EDTA	Plasma Viscosity	Benson Viscometer detected by Flow resistance SOP: SG-SOP-H035	A
END			