

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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



Accredited to  
ISO 15189:2022

### NHS Greater Glasgow & Clyde

Issue No: 010 Issue date: 04 July 2025

Dept of Haematology  
Macewen Building  
Glasgow Royal Infirmary  
84 Castle Street  
Glasgow  
G4 0SF

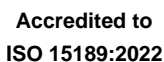
Contact: Kevin Marriott  
Tel: +44 (0)141 211 5548  
E-Mail: Kevin.Marriott@nhs.scot

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> Dept of Haematology Macewen Building Glasgow Royal Infirmary 84 Castle Street Glasgow G4 0SF  <b>Local contact</b> Contact: Kevin Marriott Tel: +44 (0) 0141 211 5548	Routine Haematology Special Coagulation Blood Transfusion	A
Haematology Department Gartnavel General Hospital 1053 Great Western Road Glasgow G12 0YN	As above	Routine Haematology Immunohaematology Blood Transfusion
Stobhill ACH 133 Balornock Road Glasgow G21 3UW	As above	Routine FBC and Coag
Haematology Laboratory West Glasgow Ambulatory Care Hospital Yorkhill Glasgow G3 8SJ	As above	FBC Clinic



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

Location details	Activity
<b>At Glasgow Royal</b> AE CanniesburnTheatre HDU ICU LW Satellite Theatre Wd 10 Wd 24 Wd 43	Blood Fridge- storage only
Reception Ward B7 Beatson Unit Gartnavel General Hospital  Stobhill ACH 133 Balornock Road Glasgow G21 3UW	Hemobank issue fridge



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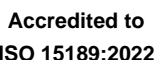
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**DETAIL OF ACCREDITATION**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<b>HUMAN BODY FLUIDS AND TISSUES</b>  Venous Blood;	<u>Blood Transfusion Testing for use in clinical diagnosis</u>  Blood Grouping <ul style="list-style-type: none"> <li>A B O</li> <li>Rhesus:</li> <li>C, c, D, E, e,</li> <li>K</li> </ul>	Documented In-house methods using:  Ortho Vision immunohaematology testing using BioVue card technology with digital image processing. SOP LAP-GRI-BTS-035	A, B
	Antibody Detection	3 cell panels, 6 Cell Rh(D) Panel, 11 cell panels SOP: LAP-GRI-BTS-018	A, B
	Alloantibody Titres	Alloantibody titres LAP-GRI-BTS-036	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 Kpb</li> <li>Lea, Leb</li> <li>Lua Lub</li> <li>M, N, S, s</li> </ul>	Manual procedures by BioVue gel cards. SOP LAP-GRI-BTS-037 Key SOPs: LAP-GRI-BTS-009 Sample processing pathway-manual techniques Determination of red cell antigen status LAP-GRI-BTS-011	A, B
	Compatibility testing of patients plasma with donor cells	Fully automated Biorad cassette technology SOP: LAP-GRI-BTS-018	
	Electronic Issue	SOP: LAB GRI BTS 032 Manual procedures by BioVue gel cards. SOP LAP-GRI-BTS-037	A, B
	Direct Anti-Human Globulin	Ortho Vision immunohaematology testing using BioVue card technology with digital image processing. SOP LAP-GRI-BTS-035	A, B

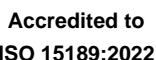


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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Haematology Testing for use in clinical diagnosis</u> (cont'd)	Documented In-house methods using manufacturers' instructions	
	vWF collagen binding activity	LAP-GRI-COA-069	
	vWFGP1bR Activity	LAP-GRI-COA-074	
	Heparin Induced Thrombocytopenia	LAP-GRI-COA-077	
	ADAMS13T	Roche Lightcycler Real-time PCR	
	Factor V Leiden	LAP-GRI-COA-038	
	Prothrombin II Gene Mutation	LAP-GRI-COA-039	
Whole Blood	ESR	StaRRsed InteRRlinar StaRRsed AutoCompaq Visual detection of sedimentation interface by automated photometric detection LAP-GRI-HAE-039 LAP-ALL-HAE-006	A, B
	FBC	Documented In-house methods using: Sysmex FBC analysers XN LAP-ALL-HAE-001 XN 550 LAP-ALL HAE 010	A and B C and D
	<ul style="list-style-type: none"> <li>Haemoglobin estimation</li> <li>Red cell and platelet counts</li> <li>Haematocrit</li> </ul>	Colorimetric  Laser light scatter  Calculated parameter from Haemoglobin and RBC	A B C D
	<ul style="list-style-type: none"> <li>Differential white cell count</li> </ul>	Laser and light scatter and light absorbance	
	<ul style="list-style-type: none"> <li>MCV</li> <li>MCH</li> <li>MCHC</li> </ul>	Impedance Calculated parameters Calculated parameters	
	<ul style="list-style-type: none"> <li>Reticulocyte</li> </ul>	Laser light scatter and absorbance	A B C



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Haematology Testing for use in clinical diagnosis (cont'd)</u>	Documented In-house methods using manufacturers' instructions	
Venous blood	Film reporting for normal and abnormal morphologies and WBC Diff	Staining by SP 10 MG/G – examined by microscopy LAP-ALL-HAE-003	A and B
Venous whole blood: EDTA	Malaria Parasite detection <ul style="list-style-type: none"> <li>• P.falciparum</li> <li>• Non P.falciparum</li> </ul>	RDT by CareSU™ Rapydtest Kit LAP-ALL-HAE-011	A and B
	Malaria Parasite – Plasmodium falciparum Parasitemia	Thick film – Clintek Field Stain Thin- May Grunwald/ Giemsa Examined and enumeration by microscopy LAP-ALL-ALL-032	A
Bone Marrow	Bone Marrow Reporting of normal and abnormal morphologies	SP 10 ( MG/G) LAP-ALL-HAE-003 Perl's Prussian Blue staining – LAP-ALL-HAE-007 Examined by microscopy.	A and B
Stained Trephines			B
Urine	Haemosiderin	Perl's Prussian Blue staining- visual detection of iron in urine LAP-ALL-HAE-007	B
Venous whole blood :EDTA	Haemoglobin S	Detection of decreased solubility of haemoglobin S with SickleSCAN LAP-ALL-ALL-002	A and B
Venous whole blood :EDTA	Infectious Mononucleosis screen (EBV) antibody	Clearview II Card Qualitative Immunoassay agglutination interpreted by visual inspection LAP-ALL-HAE-004	
Venous Blood	Estimation of Foetal cells	Kleihauer by Acid Elution using Clintek kit LAP-GRI-HAE-024	A



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Venous whole blood: EDTA	Haemoglobinopathy quantitation <ul style="list-style-type: none"> <li>o HbA2</li> <li>o HbFHbS</li> <li>o HbS</li> </ul> Detection <ul style="list-style-type: none"> <li>o HbA2</li> <li>o HbF</li> <li>o HbA</li> <li>o HbC</li> <li>o HbD</li> <li>o HbE</li> </ul>	BioRad Variant II ( $\beta$ Thal short programme) by HPLC LAP-GRI-HAE-043  Helena Gel electrophoresis acid and alkali, detection of bands LAP-GRI-HAE-011 LAP-GRI-HAE-016	
Blood, Bone marrow, CSF	<u>Immuno Haematology Testing for use in clinical diagnosis</u>  Basic Lymphocyte panel  CD2, CD3, CD4, CD5, CD7, CD8, cd14, CD16, CD19, CD20, CD26, CD45 Kappa, Lambda, HLA-DR	Documented In-house methods using manufacturer's instructions  FACS Lyric Flow Cytometry  LAP-GGH-ONC-012	
Blood	Investigation of Paroxysmal Nocturnal Haemoglobinuria  FLAER, CD15, CD24, CD66b	LAP-GGH-ONC-008	B
Peripheral blood stem cell collections	CD34 monitoring <ul style="list-style-type: none"> <li>• CD34 + CD45 (+/- 7AAD)</li> </ul>	LAP-GGH-ONC-011	





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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Immuno Haematology Testing for use in clinical diagnosis</u> (cont'd)	Documented In-house methods using manufacturers' instructions	
Blood and Bone Marrow	<p>Leukaemia/Lymphoma Immunophenotyping by multi parameter flow cytometry. Antibodies listed in cocktails for acute and chronic;- CLL , ALL, AML, MDS, mast cell and myeloma Panels:</p> <p>CD1a, CD2, CD3, CD4, CD5, CD7, CD8, CD10, CD 11b, CD11c, CD13, CD14*, CD15, CD16, CD19, CD20, CD22, CD23, CD25, CD79b, FMC7, CD33, CD34, CD38, CD45, CD56, CD 64*, CD79b, CD103, CD 117, CD123, CD138, CD200 Kappa, Lambda, HLA-DR,</p> <p>*Oncomark reagent CD14/CD64</p> <p>Intracytoplasmic marker in panels: cCD3, cCd79a, MPO, TdT</p>	FACS Lyric Flow Cytometry LAP-GGH-ONC-012	B
Blood and Bone Marrow	ALL Minimum Residual Disease (MRD)	FACS Lyric Flow Cytometer Immunophenotyping by multi parameter flow cytometry. LAP-GGN-ONC-022	B
END			