Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

9570

Accredited to ISO 15189:2022

NHS Greater Glasgow & Clyde

Issue No: 011 **Issue date:** 01 October 2025

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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 Dept of Haematology Macewen Building Glasgow Royal Infirmary 84 Castle Street Glasgow G4 0SF	**Local contact** 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 Immunohaeamatology Blood Transfusion	B
Stobhill ACH 133 Balornock Road Glasgow G21 3UW	As above	Routine FBC and Coag	C
Haematology Laboratory West Glasgow Ambulatory Care Hospital Yorkhill Glasgow G3 8SJ	As above	FBC Clinic	D

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Site activities performed away from the locations listed above:

Location details	Activity
At Glasgow Royal 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

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES	<u>Blood Transfusion Testing for use in clinical diagnosis</u>	Documented In-house methods using:	
Venous Blood;	Blood Grouping • A B O • Rhesus: • C, c, D, E, e, • K	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 • A B O • Rhesus:-C^w,C, c, D, E, e, • K • Fya, Fyb • Jka, Jkb • Kpa Kpb • Lea, Leb • Lua Lub • M, N, S, s	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	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

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Blood Transfusion Testing for use in clinical diagnosis</u> (cont'd)	Documented In-house methods using:	
Venous Blood;	Direct Anti-Human Globulin	Direct anti globulin test including manual techniques LAP-GRI-BTS-009	A
	<u>Haematology Testing for use in clinical diagnosis</u>	Documented In-house methods using: ACL TOPs and manufacturer's instructions	
		ACL TOPS 750 and 550 ACL TOPs 350 and ACL TOP 300	A B C
Venous Blood: Citrated	Blood Coagulation • Prothrombin time • Thromboclotting time (TCT) • INR • Activated Partial Thromboplastin Time • Fibrinogen estimation by Clauss	Turbidimetric method Clot detection by optical rate of change of absorbance end point being the maximum rate of change SOP: LAP-ALL-COA-001	A, B , C
	• D-Dimers	Latex immunoassay SOP: LAP-ALL-COA-002	A, B

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Haematology Testing for use in clinical diagnosis</u>	Documented In-house methods using: ACL TOPs and manufacturer's instructions ACL tops 750 and 550 site A	
	Special Coagulation	Clot Detection	A
	• APC Resistance	LAP-GRI-COA-031	
	• FII		
	• FV	LAP-GRI-COA-040	
	• FVII		
	• FVIII		
	• FIX		
	• FX		
	• FXI		
	• FXII		
	• Lupus Anticoagulant	LAP-GRI-COA-035	
	• Factor Inhibitor Assay		
		Latex immunoassay	
	• vWF antigen	LAP-GRI-COA-048	
	• Protein S Free	LAP-GRI-COA-032	
		Chromogenic immunoassay	
	• Protein C activity	LAP-GRI-COA-033	
	• Protein C antigen	LAP-GRI-COA-030	
	• Antithrombin	LAP-GRI-COA-016	
	• Antithrombin antigen	LAP-GRI-COA-015	
	• Alpha 2 Antiplasmin	LAP-GRI-COA-036	
	• Plasminogen	LAP-GRI-COA-045 and 047	
	• FVIII	LAP-GRI-COA-063	
	• Anti Xa		
	• FIX (Refixia)		
		Tecan Sunrise Plate Reader Chromogenic immunoassay	
	• FXIII	LAP-GRI-COA-003	
		Chemiluminescent Werfen Acustar using manufacturers instructions	A
	Anti-Cardiolipin Antibodies		
	• IgG	LAP-GRI-COA-065	
	• IgM		

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES (cont'd)	Haematology Testing for use in clinical diagnosis (cont'd)	Documented In-house methods using manufacturers' instructions	
	vWF collagen binding activity vWFGP1bR Activity	LAP-GRI-COA-069	
	Heparin Induced Thrombocytopenia ADAMS13T	LAP-GRI-COA-074 LAP-GRI-COA-077	
		Roche Lightcycler Real-time PCR	
	Factor V Leiden Prothrombin II Gene Mutation	LAP-GRI-COA-038 LAP-GRI-COA-039	
Whole Blood	ESR	StaRRsed InteRRliner 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 750 LAP-ALL-HAE-001	A and B
		XN 10 LAP-ALL HAE 010	C and D
	• Haemoglobin estimation	Colorimetric	A B C D
	• Red cell and platelet counts	Laser light scatter	
	• Haematocrit	Calculated parameter from Haemoglobin and RBC	
	• Differential white cell count	Laser and light scatter and light absorbance	
	• MCV	Impedance	
	• MCH	Calculated parameters	
	• MCHC	Calculated parameters	
	• Reticulocyte	Laser light scatter and absorbance	A B C

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES (cont'd)	Haematology Testing for use in clinical diagnosis (cont'd)	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 • P.falciparum • Non P.falciparum	RDT by CareSU™ Rapydtest Kit LAP-ALL-HAE-011	A and B
	Malaria Parasite – Plasmodium falciparum Parasiteamia	Thick film – Clinteck 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

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Haematology Testing for use in clinical diagnosis (cont'd)</u>	Documented In-house methods using manufacturer's instructions	
Venous whole blood: EDTA	Haemoglobinopathy quantitation o HbA2 o HbFHbS o HbS	BioRad Variant II (β Thal short programme) by HPLC LAP-GRI-HAE-043	A
	Detection o HbA2 o HbF o HbA o HbC o HbD o HbE	Helena Gel electrophoresis acid and alkali, detection of bands LAP-GRI-HAE-011 LAP-GRI-HAE-016	
	<u>Immuno Haematology Testing for use in clinical diagnosis</u>	Documented In-house methods using manufacturer's instructions	
Blood, Bone marrow, CSF	Basic Lymphocyte panel CD2, CD3, CD4, CD5, CD7, CD8, cd14, CD16, CD19, CD20, CD26, CD45 Kappa, Lambda, HLA-DR	FACS Lyric Flow Cytometry LAP-GGH-ONC-012	B
Blood	Investigation of Paroxysmal Nocturnal Haemoglobinuria FLAER, CD15, CD24, CD66b	LAP-GGH-ONC-008	
Peripheral blood stem cell collections	CD34 monitoring • CD34 + CD45 (+/- 7AAD)	LAP-GGH-ONC-011	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Immuno Haematology Testing for use in clinical diagnosis (cont'd)</u>	Documented In-house methods using manufacturers' instructions	
Blood and Bone Marrow	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: 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, *Oncomark reagent CD14/CD64 Intracytoplasmic marker in panels: cCD3, cCd79a, MPO, TdT	FACS Lyric Flow Cytometry LAP-GGH-ONC-012	B
Blood and Bone Marrow	ALL Mininmum Residual Disease (MRD)	FACS Lyric Flow Cytometer Immunophenotyping by multi parameter flow cytometry. LAP-GGN-ONC-022	B
END			