


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 8046 Accredited to ISO 15189:2022	NHS Greater Glasgow & Clyde	
	Issue No: 014 Issue date: 09 September 2024	
	Royal Alexandria Hospital Corsebar Road Paisley PA2 9PN United Kingdom	Contact: Martin Wight Tel: +44 (0)1413 146 162 Fax: +44 (0)1413 146 604 E-Mail: martin.wight@ggc.scot.nhs.uk
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 Royal Alexandria Hospital Corsebar Road Paisley PA2 9PN United Kingdom Local contact Contact: Martin Wight Tel: +44 (0)1413146162 Fax: +44 (0)14143146604 E-Mail: martin.wight@ggc.scot.nhs.uk	Haematology and Blood Transfusion	A

Site activities performed away from the locations listed above:

Location details	Activity	Location code
Inverclyde Hospital Larkfield Road Greenock PA16 0XN United Kingdom	Haematology and Blood Transfusion	B
Vale of Leven Hospital Main Street Alexandria G83 0UA United Kingdom	Haematology and Blood Transfusion	C
Blood fridge Cowell Hospital Dunoon	Blood storage only Fridge managed by laboratory	D
Blood fridge Victoria Hospital Rothesay	Blood storage only 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 Venous Blood; red cells	<u>Blood Transfusion examinations to assist in clinical investigations</u> Blood Grouping by antigen detection <ul style="list-style-type: none">• A B and O groups• Rhesus groups, anitigens-; C^w, C, c, D, E, e,• Kell blood grouping system, antigens: K, k, Kp^a,• Kidd blood grouping system, antigens: - Jk^a, Jk^b,• Duffy blood grouping system, antigens:- Fy^a, Fy^b,• Lutheran blood grouping system, antigens: Lu^a,• MNS blood grouping system, antigens: M, N, S, s,• Lewis blood grouping system, antigens: Le^a,Le^b,• P blood grouping system, antigen;- P₁:	Procedures documented in relevant equipment manuals and in house documented procedures by the following methods SOPs: EP-CBTR-010 Ortho Vision analyser and associated testing protocols – fully automated Ortho cassette technology or Manual procedures by Orthocassette technology.	A, B, C



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HUMAN BODY FLUIDS (cont'd) Venous Blood; plasma	<u>Blood Transfusion examinations to assist in clinical investigations</u> (cont'd) Detection and quantification of the following Antibodies <ul style="list-style-type: none">Rhesus blood group antibodies: anti-C^w, anti-C, anti-c, anti-D, anti-E, anti-e,Kell system blood group antibodies: anti-K, anti-k, anti-Kp^a,Kidd blood group antibodies: anti-Jk^a, anti-Jk^b,Duffy blood group antibodies: anti-Fy^a, anti-Fy^b,Lutheran blood group antibodies: anti-Lu^a,MNS blood group antibodies: anti-M, anti-N, anti-S, anti-s,Lewis blood group antibodies: anti-Le^a, anti-Le^b,P blood group antibodies: anti-P₁	Procedures documented in relevant equipment manuals and in house documented procedures by the following methods SOP: EP-CBTR-010 Ortho Vision analyser and associated testing protocols including Direct AHG– fully automated Ortho cassette technology or Manual procedures by Ortho cassette technology.	A, B, C



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HUMAN BODY FLUIDS (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 (cont'd)	Compatibility testing:- Compatibility testing of patients plasma with donor cells Electronic Issue	SOP: EP-CBTR-010 Ortho Vision analyser and associated testing protocols including Direct AHG– fully automated Ortho cassette technology or Manual procedures by Orthocassette technology. Associated testing protocols LP-CBTR-028	A ,B, C
Venous Blood; plasma	Quantification of the following antibodies: <ul style="list-style-type: none"> • Rhesus: anti-C^w, anti-C, anti-c, anti-D, anti-E, anti-e, • Kell system: anti-K, anti-k, anti-Kp^a, • Kidd: anti-Jk^a, anti-Jk^b, • Duffy: anti-Fy^a, anti-Fy^b, 	SOP: LP-CBTR-021 using by serial dilution of plasma followed by Agglutination detection by Ortho Vision analyser cassette technology	A, B, C
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 (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"> Haemoglobin estimation Red cell and platelet counts Haematocrit Differential white cell count and reticulocytes MCV MCH MCHC <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"> <u>P.falciparum</u> <u>P.vivax</u> <u>P.ovale</u> <u>P.malariae</u> 	<p>SOP:LP-RHAE-001 for Sysmex XN 10s on the Abbott track system Sysmex X series Haematology Analysers Model:XN- 10 SOP:EP-RHAE-001 Model:XN-550 SOP:EP CHAE 010</p> <p>By Calculation</p> <p>SOP EP-CHAE-001 May-Grunwald staining on methanol fixed blood smears by</p> <ul style="list-style-type: none"> Sysmex SP10 Manual methods Diff Quick stain <p>1) SOP: EP-CHAE-005 Antigen testing with CareStart RDT</p> <p>2) SOP: EP-CHAE-005 Microscopic detection by Thin film - May-Grunwald staining on methanol fixed blood smears by Sysmex SP10</p> <p>3) SOP: EP-CHAE-005 Thin film by ClinTech Giemsa MP staining kit</p> <p>4) SOP: EP-CHAE-005 Thick Film by Fields stain</p>	<p>A B, C</p> <p>A, B A, B, C</p> <p>A, B, C</p> <p>A, B</p> <p>A, B</p> <p>A, B</p>
Venous Blood/Serum/Plasma	Glandular Fever Screen for Infectious Mononucleosis	SOP – EP-CHAE-003 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 Starssed Flex	A
		Starssed Autocompact	A, B
Venous Blood: Citrated	Coagulation <ul style="list-style-type: none">• Prothrombin time• Activated Partial Thromboplastic Time• Fibrinogen estimation• Thrombin Time including correction with protamine sulphate• D Dimer	Using ACL TOPS blood coagulation analysers using optical clot detection SOPs: EP-CHAE-009 ACL Top 750 and ACL Top 550 ACL Top 350	A B, C
END			