


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL 9604</p> <p>Accredited to ISO 15189:2012</p>	<h3>NHS Greater Glasgow and Clyde</h3> <p>Issue No: 003 Issue date: 25 November 2020</p>	
	<p>Department of Haematology & Blood Transfusion Queen Elizabeth University Hospital & Royal Hospital for Children 1345 Govan Road Glasgow G51 4TF</p>	<p>Contact: Tom Moffat Tel: +44 (0) 141 354 9095 Email: tom.moffat@ggc.scot.nhs.uk</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>Address</p> <p>Department of Haematology & Blood Transfusion Queen Elizabeth University Hospital & Royal Hospital for Children 1345 Govan Road Glasgow G51 4TF</p> <p>Local contact</p> <p>Tom Moffat Tel: +44 (0) 141 354 9095 Email: tom.moffat@ggc.scot.nhs.uk</p>	<p>FBC Coagulation Haemoglobinopathies Blood Transfusion</p>	A
<p>Address</p> <p>Department of Haematology Victoria Ambulatory Care Hospital Grange Road Glasgow G42 9LF</p> <p>Local contact</p> <p>Tom Moffat Tel: +44 (0) 141 354 9095 Email: tom.moffat@ggc.scot.nhs.uk</p>	<p>FBC Coagulation</p>	B



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Site activities performed away from the locations listed above:

Location details	Activity
Blood Fridge Neurology Theatres	Blood Storage Only
Blood Fridge Acute Receiving Unit	Blood Storage Only
Blood Fridge Critical Care Unit	Blood Storage Only
Blood Fridge Adult Theatres (Hemobank)	Blood Storage Only
Blood Fridge Level 4	Blood Storage Only
Blood Fridge Maternity Unit	Blood Storage Only
Blood Fridge Childrens Theatre	Blood Storage Only
Blood Fridge Clinic P at VACH	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"> • A B O • Rhesus: C, c, D, E, e, • Kell 	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"> • A B O • Rhesus:-C^w,C, c, D, E, e, • K • Fya, Fyb • Jka, Jkb • Kpa • Lea, Leb • Lua • M, N, S, s 	Manual procedures by tube technology red cell agglutination, macroscopic visual detection 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 Electronic Issue SOP SG SOP B032	A



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HUMAN BODY FLUIDS (cont'd)	<u>Blood Transfusion examination activities for the purpose of clinical diagnosis</u> (cont'd)	Documented In-house methods using:	
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"> • Prothrombin time <ul style="list-style-type: none"> ○ INR • Activated Partial Thromboplastin Time • Thrombin Time • Fibrinogen estimation <ul style="list-style-type: none"> ○ Clauss • Factors assays (II, V, VII, VIII, IX, X, XI & XII) • Anti-Xa Assay • Anti-Thrombin Assay • D-Dimers • Von Williebrand Factor <ul style="list-style-type: none"> ○ Antigen ○ Activity • Ristocetin Co-factor 	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"> • Prothrombin time <ul style="list-style-type: none"> ○ INR • Activated Partial Thromboplastin Time • Thrombin Time • Fibrinogen estimation <ul style="list-style-type: none"> ○ Clauss • D-Dimers 	ACL TOP 300 Turbidimetric method Clot detection by optical rate of change of absorbance end point being the maximum rate of change SOPs SOPs SG-SOP-C0015 Latex method SOP :SG-SOP-C004	B
	ESR	Visual detection of sedimentation interface by automated photometric detection (Starssed InterLiner) SOP: SG-SOP-H015	A



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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:	
	ESR	Visual detection of sedimentation interface by automated photometric detection (Starssed Autocompact) SOP: SG-SOP-H015	A
Venous whole blood: EDTA	FBC <ul style="list-style-type: none"> • Haemoglobin estimation • Red cell and platelet counts • Haematocrit • Differential white cell count • Reticulocyte • MCV • MCH • MCHC 	Sysmex XN 10 series Haematology Analysers SOP:SG-SOP-H011 Colorimetric Laser light scatter Calculated parameter from Haemoglobin and RBC Laser and light scatter and light absorbance Laser light scatter and absorbance Calculated parameters Calculated parameters Calculated parameters	A
	FBC <ul style="list-style-type: none"> • Haemoglobin estimation • Red cell and platelet counts • Retics • Haematocrit • Differential white cell count • MCV • MCH • MCHC 	Sysmex Haematology XN 550 Analysers SOP: SG SOP 043. Colorimetric Laser light scatter Calculated parameter from Haemoglobin and RBC Laser and light scatter and light absorbance Calculated parameters Calculated parameters Calculated parameters	B



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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	Identification of normal and abnormal morphologies including WBC differential count	Staining by SP 10 & Hematek – examined by microscopy SOP: SG-SOP-H028 SG-SOP-H014	A
	Malaria Parasite detection <ul style="list-style-type: none"> • P.Falciparum • Non-falciparum 	Antigen testing with CareStart kit by Immunochromatographic interface SOP:SG-SOP-H002 and Thick film – Clinteck Field Stain Thin Film – Giemsa Stain Examined by microscopy SOP: SG-SOP-H027	
	Plasmodium Falciparum parasataemia	SOP Malarial Parasites Thin Film – Giemsa Stain. Enumeration by microscopy SOP: SG-SOP-H027	
Bone Marrow Aspirate	Reporting of normal and abnormal morphologies	SP10 – 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	Detection of decreased solubility of Haemoglobin S with Sickdex kit SOP: SG-SOP-H033	A
Venous whole blood :EDTA	Haemoglobinopathy Screening <ul style="list-style-type: none"> ○ HbA2 ○ HbF ○ HbA ○ HbS ○ HbC ○ HbD ○ HbE 	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			