


Schedule of Accreditation

Issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL</p> <p>8137 Accredited to ISO 15189:2012</p>	<h3>NHS Grampian</h3> <p>Issue No: 008 Issue date: 09 November 2021</p>	
	<p>Haematology Department 2nd Floor, Link Building Aberdeen Royal Infirmary Aberdeen AB25 2ZD United Kingdom</p>	<p>Contact: Paul Drew Tel: +44 (0)1224 553843 Fax: +44 (0)1224 554827 E-Mail: paul.drew@nhs.scot</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 2nd Floor Link Building Aberdeen Royal Infirmary Aberdeen AB25 2ZD United Kingdom</p> <p>Local contact Paul Drew Tel: +44 (0)1224553843 Fax: +44 (0)1224554827 Email: paul.drew@nhs.scot</p>	<p>Haematology Haemoglobinopathies Coagulation Flow Cytometry</p>	A
<p>Medical Laboratory Sciences Dr Grays Hospital Elgin IV30 1SN United Kingdom</p> <p>Eric Chan Tel: +44(0)1343567522 Fax: +44(0)1343567831 Email: eric.chan@nhs.scot</p>	<p>Haematology Coagulation</p>	B

Site activities performed away from the locations listed above:

Location details	Activity	Location code
<p>Address Aberdeen Royal Infirmary Aberdeen AB25 2ZD United Kingdom</p> <p>Local Contact Paul Drew Tel: +44 (0)1224553843 Fax: +44 (0)1224554827 Email: paul.drew@nhs.scot</p>	<p><u>Sampling-Phlebotomy</u> Collection of blood specimens by venepuncture in adults</p>	



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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 (cont'd)	<u>Haematology examination activities for the purpose of clinical diagnosis</u>	Documented In-house methods using:	
Venous Blood: Citrated	Blood Coagulation	ACL TOP 750 SOP H LP 200 086	A
		ACL TOP 350 SOP H LP 200 246	B
	Prothrombin time INR Activated Partial Thromboplastin Time Fibrinogen estimation Derived Clauss Thrombin Time including correction with protamine sulphate	Turbidimetric method Clot detection by optical rate of change of absorbance end point being the maximum rate of change INR – 200 105 SOP 200 090 SOP 200 089	A and B
	D-Dimers	SOP's 200 104, latex immunoassay	
	Antithrombin 3	SOP 200 094 chromogenic assay	A
	Anti Xa	SOP 200 098 chromogenic assay	A
	VWF: Ag	SOP 200 096- immunoturbidimetric assay	A
	vWF:RCo	SOP 200 119- Latex Immunoassay	A
	Anti- Xa for direct Xa inhibitors	SOP 200 113 chromogenic assay for Direct Oral Anticoagulants (DOAC)	
	Factor assay <ul style="list-style-type: none"> • V • VII • X • VIII • IX • XI • XII 	Turbidometric method. Clot detection by optical rate of change of absorbance end point being the maximum rate of change Extrinsic Factors SOP 200 088 Intrinsic Factors SOP 200 087	



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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 Blood: Citrated (cont'd)	Blood coagulation	ACL TOP 750	A
	Lupus anticoagulant	SOP 200 091 Turbidometric	A
	Protein C	SOP 200 092- chromogenic assay	A
	Protein S	SOP 200 093 latex immunoassay	A
Venous whole blood: EDTA	Factor VIII inhibitor	Turbidometric method	A
	Factor IX inhibitor	SOP 200 097	
Venous whole blood: EDTA	FBC	Abbott Alinity hq series LP 100 107	A and B
	Haemoglobin estimation	Photometric	
	Red cell and platelet counts	Flow Cytometry	
	Differential white cell count		
	Reticulocyte		
	Nucleated Red Cells (NRBC)		
	HCT	Calculate parameters	
	MCV		
	MCH		
	MCHC		
Venous whole blood :EDTA	Film reporting and WBC Differential	Wright Giemsa blood smears by Alinity hs SOP's 100 094, and Microscopy- SOP's 100 089	A
	Malaria Parasite detection <ul style="list-style-type: none"> • P.falciparum • P.vivax • P.ovale • P.malariae • P knowlesi 	Giemsa stain and microscopy - SOP 300 014	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:	
Urine	Haemosiderin	Perl's Prussian Blue staining-microscopy- SOP 300 007	A
Serum	Haematinics <ul style="list-style-type: none"> • B12 • Ferritin • Serum folate 	Abbott Alinity I immunoassay analyser LP 400 027	A
Venous whole blood :EDTA	Haemoglobinopathies and Thalassemia	BioRad Variant II, HPLC SOP 500 017	A
	Haemoglobin Electrophoresis	Manual pH 8.6 Cellulose acetate strips (time dependant)- manual detection of bands SOP 500 018	A
	Haemoglobin S	Detection of decreased solubility of haemoglobin S with HD supplies kit SOP 500 023	A
Venous whole blood :EDTA	G6PD	Appearance of fluorescence in red cell substrate mixtures SOP 500 024	A
Venous whole blood :EDTA	Plasma Viscosity	Benson BV 200 analyser- by flow resistance SOP 500 025	A



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Venous whole blood/ bone marrow in EDTA</p> <p>Venous whole blood,/bone marrow in EDTA</p>	<p><u>Haematology examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p><u>Flow Cytometry</u></p> <p>Immunophenotyping of haematological disorders for chronic lymphoproliferative disorders</p> <p>Chronic B cell 1 (CB1)</p> <ul style="list-style-type: none"> • CD5 • CD19 • CD20 • CD23 • CD38 • CD45 • CD79b • CD200 • FMC7 <p>Immunophenotyping of haematological disorders for chronic lymphoproliferative disorders</p> <p>Chronic B cell 2 (CB2)</p> <ul style="list-style-type: none"> • CD10 • CD11c • CD19 • CD22 • CD45 • HLA-DR • IgM 	<p>Documented In-house methods using:</p> <p>Navios Flow Cytometer Cellular analysis by flow cytometry using SOP: LP-300-025</p> <p>Navios Flow Cytometer Cellular analysis by flow cytometry using SOP: LP-300-025</p>	<p>A</p> <p>A</p>



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Venous whole blood,/bone marrow in EDTA (cont'd)</p>	<p><u>Haematology examination activities for the purpose of clinical diagnosis</u> (cont'd)</p> <p><u>Flow Cytometry</u> (cont'd)</p> <p>Immunophenotyping of haematological disorders for chronic lymphoproliferative disorders (cont'd)</p> <p>Lymphocyte Screening Tube (LST)</p> <ul style="list-style-type: none"> • CD3 • CD4 • CD8 • CD19 • CD25 • CD34 • CD45 • Kappa • Lambda <ul style="list-style-type: none"> • CD34 (Stem cell harvesting) <p>Paroxysmal Nocturnal Haemoglobinuria(PNH) RBC and WBC CD 59 expression</p>	<p>Documented In-house methods using:</p> <p>Navios Flow Cytometer Cellular analysis by flow cytometry using SOP: LP-300-025</p> <p>SOP:-300 031</p> <p>SOP:- 300 032</p>	<p>A</p>



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Venous whole blood, bone marrow in EDTA</p>	<p><u>Haematology examination activities for the purpose of clinical diagnosis</u> (cont'd)</p> <p>Immunophenotyping of haematological disorders for acute leukaemia.</p> <p>Acute Leukaemia Panel</p> <ul style="list-style-type: none"> • CD2 • CD3 • CD5 • CD7 • CD10 • CD11c • CD13 • CD14 • CD15 • CD19 • CD22 • CD33 • CD34 • CD68 • CD117 • HLA-DR • IgM • Kappa • Lambda <p>Acute Permiabilised Panel</p> <ul style="list-style-type: none"> • CD3 • CD22 • MPO • TdT • IgM 	<p>Documented In-house methods using:</p> <p>Navios Flow Cytometer Cellular analysis by flow cytometry using SOP: LP-300-023</p>	<p>A</p>
<p>END</p>			