


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>8695 Accredited to ISO 15189:2012</p>	<h3>NHS Ayrshire and Arran</h3> <p>Issue No: 002 Issue date: 26 July 2019</p>	
	<p>Department of Haematology Crosshouse University Hospital Kilmarnock KA2 0BE</p>	<p>Contact: Mr David Drysdale Tel: +44 (0) 1563 827413 E-Mail: david.drysdale@aaaht.scot.nhs.uk Website: www.nhsaaa.net</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 Department of Haematology Crosshouse University Hospital Kilmarnock KA2 0BE</p> <p>Local contact Mr David Drysdale</p>	<p>Haematology Blood Transfusion Blood and blood product issue Immunology</p>	A
<p>Address Department of Haematology University Hospital Ayr KA6 6DX</p> <p>Local contact Mr David Drysdale</p>	<p>Haematology Blood Transfusion Blood and blood product issue</p>	B

Site activities performed away from the locations listed above:

Location details	Activity	Location code
<p>Theatre Complex- Crosshouse Issue fridge - Main Lab</p> <p style="text-align: center;">As Above</p>	Blood Fridges	A
<p>Theatres- Ayr Hospital Issue fridge - Main Lab</p> <p style="text-align: center;">As above</p>	Blood Fridge	B
<p>Arran War Memorial Hospital – In patient ward Issue Fridge Lamlash Isle of Arran KA27 8LF</p> <p style="text-align: center;">As Above</p>	Blood fridge	C
<p>Girvan Community Hospital – In patient ward Issue fridge Bridgemill Girvan KA26 9HQ</p> <p style="text-align: center;">As above</p>	Blood fridge	D



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Location details	Activity	Location code
East Ayrshire Community Hospital- Corridor next to dining room Ayr Road Cumnock KA18 1EF	Blood fridges	E
Ayrshire Maternity Unit Crosshouse Hospital See above address	Blood Fridge	F



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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>Haematological examination activities for the purposes of clinical diagnosis:</u> Quantitative determination of:	Documented in house methods and manufacturer's instructions for: Sysmex XN 9100 A and XN3100 B: Using Flow Cytometry Method: LPH HAE001	A+B
EDTA whole blood	Hb WBC Platelets RBC HCT MCV MCH MCHC Neutrophils Lymphocytes Monocytes Basophils Nucleated RBC		
Pleural/ascitic fluids	Cell count	LPH HAE014	A
EDTA Whole Blood	Reticulocyte count	LPH HAE010	A
EDTA whole blood	APTT PT Fibrinogen D Dimer Factor VIII Factor IX INR Protamine Sulphate correction	Sysmex CS-2500 using Turbidimetric technology: LPH COA018 LPH COA018 LPH COA018 LPH COA022 LPH COA019 LPH COA019 LPH COA018/004 LPH COA023	A+B A+B A+B A+B A+B A+B A+B
EDTA whole blood	ESR	Starstedt S2000 using Westergren and photometric technology: LPH HAE009	A
EDTA whole blood	Beta 2 Microglobulin	Gel Plate using Radial immunodiffusion Method: LPI IMM022	A



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HUMAN BODY FLUIDS (cont'd)	<u>Haematological examination activities for the purposes of clinical diagnosis:</u> (cont'd)	Documented in house methods and manufacturer's instructions for:	
EDTA whole blood	Quantitative determination of: Blood cells	Manual blood film reporting. Using microscopy: LPH HAE008	A+B
Bone Marrow	Bone Marrow cells	Staining using May Grunwald and Giemsa stains and microscopy: LPH HAE022/023	A+B
CSF	CSF Cells	Thermo cytospin 4 and microscopy: LPH HAE034	A
Urine	Urinary Iron	Iron Stain and microscopy: LPH HAE016	A+B
Blood	Abnormal Haemoglobinopathy Screen and further identification to include: HbS HbC HbD HbG HbE HbO	Helena Electrophoresis kit and tank using Electrophoresis principles and Menarini HA 8160 using HPLC: LPH SPH005 and LPH SPH022	A
EDTA whole blood	Ferritin Vitamin B12 Folate	Siemens Centaur XP Using chemiluminescence: LPH SPH001 LPH SPH001 LPH SPH001	A A A
EDTA whole blood	Qualitative determination of: Malaria parasites • P.falciparum • P.vivax • P.ovale • P.malariae	Carestart rapid test immunochromatographic assay: LPH HAE007	A+B



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HUMAN BODY FLUID (cont'd)	<u>Haematological examination activities for the purposes of clinical diagnosis</u> (cont'd):	Documented in house methods:	
Blood	Sickle cell screen- HbS	Sickledex kit (STRECK) using turbidometric technology: LPH SPH004	A
Blood	Detection of infectious mononucleosis Heterophile antibody	Microgen IM kit using agglutination: LPH SPH002	A+B
Blood	Haptoglobin	Siemens Gel plate using radial immunodiffusion: LPH SPH011	A
	<u>Immunological examination activities for the purposes of clinical diagnosis</u>	Documented in house methods and manufacturer's instructions for:	
	Qualitative determination of:		
Blood	Anti-nuclear Antibodies Crithidia DS DNA	Immunoconcepts kit using indirect fluorescence and microscopy: LPI IMM003 LPI IMM004	A A
Blood	Liver autoantibodies Smooth Muscle antibodies	NOVA LITE kit using indirect fluorescence and microscopy: LPI IMM008 LPI IMM008	A
Blood	Rheumatoid factor	Microgen RA screening kit using Latex agglutination: LPI IMM011	A
Blood	Specific IgE to the following: Grass Cat Dog House dust mite Egg	Unicap using fluorescence/photometric technology LPI IMM007	A



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Blood (cont'd)</p>	<p><u>Immunological examination activities for the purposes of clinical diagnosis (cont'd):</u></p> <p>Specific IgE to the following: (cont'd)</p> <p>Milk Aspergillus fumigatus Alternaria alternate Horse dander Cow dander Guinea pig epithelium Budgie droppings Budgie feathers Sheep epithelium Rabbit epithelium Hamster epithelium Fish (cod) Wheat Peanut Soya bean Tomato</p> <p><u>Blood Transfusion examinations to assist in clinical investigations</u></p>	<p>Documented in house methods and manufacturer's instructions for:</p> <p>Unicap using fluorescence/photometric technology LPI IMM007</p> <p>Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:</p>	<p>A</p>
<p>EDTA Packed red cells</p>	<p>Blood Group by detection and identification of antigens:</p> <p>A Rh (D) Positive AB Rh (D) Positive B Rh (D) Positive A Rh (D) Negative AB Rh (D) Negative B Rh (D) Negative O Rh (D) positive O Rh (D) negative</p>	<p>Column Technology: Biorad Gel Station automation. Manual BioVue system Agglutination and photometric:</p>	<p>A+B</p>



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HUMAN BODY FLUIDS (cont'd)	<u>Blood Transfusion examinations to assist in clinical investigations</u> (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
EDTA Whole Blood	Antibody Screen by detection of antibodies to: D, E, C, c, e, C ^w K, k, Kp ^a , Kp ^b , Fy ^a , Fy ^b , Jk ^a , Jk ^b Le ^a , Le ^b S, s, M, N Lu ^a , Lu ^b	LPH BTD003 LPH BTD005	A+B
EDTA Plasma	Antibody Titration	LPH BTD006	A
EDTA Plasma	Compatibility testing of patient's plasma with donor cells	LPH BTS063 LPH BTS012	A+B
EDTA packed red cell	Direct Antiglobulin Test (DAT)	LPH BTD004	A+B
EDTA Whole packed red cell	Red cell phenotyping to include: D, E, C, c, e, C ^w K Fy ^a , Fy ^b , Jk ^a , Jk ^b Le ^a , Le ^b S, s, M, N	Biorad Column Technology: LPH BTD012	A+B
END			