


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 UKAS MEDICAL 9947 Accredited to ISO 15189:2012	Northern Care Alliance NHS Foundation Trust	
	Issue No: 004 Issue date: 07 October 2021	
	Department of Haematology and Blood Transfusion Salford Royal NHS Foundation Trust Stott Lane Salford M6 8HD	Contact: Louise Bell Tel: +44 (0) 1612 065016 E-Mail: louise.bell@srft.nhs.uk Website: www.srft.nhs.uk/paws/haem-blood-trans
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
Salford Royal NHS Foundation Trust Stott Lane Salford Lancashire M6 8HD	Deborah Seddon Tel 0161 206 4996 Haematology Coagulation Blood Transfusion and blood product issue	SRFT
Royal Albert Edward Infirmary Wigan Lane Wigan Lancashire WN1 2NN	Deborah Seddon Tel 0161 206 4996 Haematology Coagulation Blood Transfusion and blood product issue	RAEI
Wrightington Hospital Hall Lane Appley Bridge Wigan Lancashire WN6 9EP	Deborah Seddon Tel 0161 206 4996 Haematology Coagulation Blood Transfusion and blood product issue	WH



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Site activities performed away from the locations listed above:

Location details	Activity
Salford Royal NHS Foundation Trust Stott Lane Salford M6 8HD Issue Fridge: Main Corridor to Pathology Stock fridge: Blood Transfusion Laboratory	Blood storage & issue only Fridge monitored by Haematology
Accident and Emergency Department Salford Royal NHS Foundation Trust Stott Lane Salford M6 8HD	Blood storage & issue only Fridge monitored by Haematology
Royal Albert Edward Infirmary Wigan Lane Wigan WN1 2NN Issue Fridges 1 and 2: ESL lab corridor Stock Fridge: Blood Transfusion Laboratory	Blood storage & issue only Fridge monitored by Haematology
Wrightington Hospital Hall Lane Appley Bridge Wrightington Lancashire Issue Fridge: Corridor to Pathology Stock Fridge: Blood Transfusion Lab	Blood storage & issue only Fridge monitored by Haematology
Theatre recovery Wrightington Hospital Hall Lane Appley Bridge Wrightington Lancashire	Blood storage & issue only Fridge monitored by Haematology
Central reception Leigh Infirmary The Avenue Leigh WN7 1HS	Blood storage & issue only Fridge monitored by Haematology



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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 examinations for the purpose of clinical diagnosis</u>	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Whole Blood (EDTA)	Full Blood Count (FBC) analysis of the following parameters: WBC RBC HGB HCT MCV MCH MCHC RDW-CV PLT NEUT LYMPH MONO EOS BASO	Advia 2120i Flow cytometry based system using light scatter, differential white blood cell (WBC) lysis, myeloperoxidase and oxazine staining HH-H-1-46 HH-H-1-47 HH-H-1-48 HH-H-1-49 HH-H-1-54 HH-H-3-25	SRFT, RAEI, WH
Whole Blood (EDTA)	Erythrocyte Sedimentation Rate (ESR)	Alifax Jo Plus ESR analyser Modified Westergren method based on red cell kinetics HH-H-3-26, HH-H-3-38	SRFT and RAEI
Whole Blood (EDTA)	Reticulocyte count	Advia 2120i Flow cytometry HH-H-1-48	SRFT and RAEI



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Haematological examinations for the purpose of clinical diagnosis (cont'd)</u>	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Whole Blood (EDTA)	Blood Film Analysis for morphological assessment of RBC, WBC and platelets	Advia Autoslide and Microscopy Hematek using modified Wrights stain and Microscopy	SRFT SRFT and RAEI
Whole Blood, Serum	Infectious Mononucleosis heterophile IgM antibodies	Alere Clearview Innovacon - diagnostic test strip rapid lateral flow chromatographic qualitative immunoassay HH-H-2-15 Sickle cell and Thalassaemia screening - Documented in-house methods to meet the requirements of the SCT screening programme as defined in the July 2018 PHE Sickle Cell and Thalassaemia Screening Programme: laboratory quality assurance requirements	SRFT and RAEI
Whole Blood (EDTA)	Haemoglobinopathy Screen for HbA, HbA2, HbF, HbS	Menarini 8160 High Performance Liquid Chromatography (HPLC) technique for separation of abnormal haemoglobins HH-HA-2-07, 08 and /10	SRFT
Whole Blood (EDTA)	Sickle cell solubility	Microgen Bio products kit S-Test solubility assay for the qualitative determination of HbS HH-H-2-16	SRFT and RAEI



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HUMAN BODY FLUIDS (cont'd)	<u>Haematological examinations for the purpose of clinical diagnosis (cont'd)</u>	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Whole Blood (EDTA)	HbA1c	Menarini HB9210 High Performance Liquid Chromatography (HPLC) technique HH-HA-2-07 HH-HA-2-12 HH-HA-2-16 HH-HA-2-19 HH-HA-2-21 HH-HA-2-22	SRFT
Whole Blood (EDTA)	G6PD	The BinaxNOW® G6PD (Glucose-6-Phosphate Dehydrogenase) test. In-vitro enzyme chromatographic test HH-H-2-33	SRFT
Whole Blood (EDTA)	Malarial antigens of: <ul style="list-style-type: none"> • <i>Plasmodium falciparum</i> and pan-detection for: <ul style="list-style-type: none"> • <i>Plasmodium malariae</i> • <i>Plasmodium ovale</i> • <i>Plasmodium vivax</i> 	Care start rapid diagnostic kit Qualitative determination of Malaria Histidine-rich Protein 2 (HRP2) and lactate dehydrogenase HH-MV-06, HH-H-2-10 HH-H-2-29, HH-H-2-31	SRFT and RAEI
Whole Blood (EDTA)	Malaria Blood film for detection of the following: <ul style="list-style-type: none"> • <i>Plasmodium falciparum</i> • <i>Plasmodium malariae</i> • <i>Plasmodium ovale</i> • <i>Plasmodium vivax</i> • <i>Plasmodium knowlesi</i> 	Hematek stainer and microscopy: Thick and Thin Films spread manually. Thin films - Giemsa stain. Thick films - Field's Stain. HH-H-2-10, HH-H-2-29, HH-H-2-31	SRFT and RAEI
Bone Marrow	Film for assessment of normal and abnormal morphologies	Hematek using Modified Wrights stain and microscopy HH-H-2-07	SRFT and RAEI
Bone Marrow	Iron	Clin-Tech Perls Prussian Blue Stain Kit HH-H-2-12, HH-H-2-24	



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HUMAN BODY FLUIDS (cont'd)	<u>Haemostasis and thrombosis examinations for the purpose of clinical diagnosis</u>		
Whole blood (Citrate)	Clotting Screen Detection of abnormalities of Blood Coagulation including: <ul style="list-style-type: none"> • APTT • INR • PT 	Werfen IL TOP 750 Coagulometric and Chromogenic techniques for clot detection.	SRFT
		Werfen IL TOP 350 Coagulometric and Chromogenic techniques for clot detection. HH-C-1-32,35,37,38,40,41,42, 43	RAEI
		Werfen IL Elite Coagulometric (turbidometric) clot detection HH-C-1-80 HH-C-1-81, HH-C-1-82	WH
Whole blood (Citrate)	Factor Anti Xa	Werfen IL TOP 750 HH-C-1-76	SRFT
Whole blood (Citrate)	D-Dimer	Werfen IL TOP 750 at SRFT Werfen IL TOP 350 at RAEI HH-C-1-44	SRFT and RAEI
Whole blood (Citrate)	Fibrinogen (Claus)	Werfen IL TOP 750 at SRFT Werfen IL TOP 350 at RAEI HH-C-1-42, HH-C-1-46	SRFT and RAEI
Whole blood (Citrate)	Thrombin Time	Werfen IL TOP 750 HH-C-1-45	SRFT
Whole blood (Citrate)	Coagulation factors: II,V,VII,VIII,IX,X,XI,XII	Werfen IL TOP 750 HH-C-1-47 HH-C-1-48	SRFT
Whole blood (Citrate)	Von Willebrand Screen vWF:RiCof vWF antigen	Werfen IL TOP 750 HH-C-1-49 HH-C-1-50	SRFT
Whole blood (Citrate)	Lupus anticoagulant screen DRVVT	Werfen IL TOP 750 HH-C-1-53 HH-C-1-54 HH-C-1-371	SRFT
Whole blood (Citrate)	Thrombophilia screen (AT, PC, FPS, APC, TT)	Werfen IL TOP 750 HH-C-1-52, HH-C-1-61	SRFT



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HUMAN BODY FLUIDS (cont'd)	<u>Blood Transfusion examinations to assist in clinical investigations</u>	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Blood (EDTA)	Blood Grouping by detection and identification of antigens: <ul style="list-style-type: none"> • ABO • Rh-C,D,E,c,e Cw • Kell-K,k,Kpa • Duffy-Fya.Fyb • MNSs • P,P1 	Automated Method: Ortho Clinical Diagnostic (OCD) Innova Analyser OCD Vision Analyser Ortho BioVue System using column agglutination. HH-T-2-70 Manual Method: Ortho Clinical Diagnostics Ortho Biovue cassettes and gel cards. HH-T-2-03	WH SRFT, RAEI SRFT, RAEI, WH
Blood (EDTA)	Phenotyping by detection and identification of: antibodies: <ul style="list-style-type: none"> • Rh -C,D,E,c,e, Cw • Kell -K, K, Kpa • Duffy -Fya, Fyb • MNSs- M, N, S, s • Kidd -Jka, Jkb • P-P1 • Anti-Chido/Rogers • Kidd-Jka, Jkb • Lewis-Lea, Leb • Lutheran-Lua, Lub 	Automated Method: OCD Innova Analyser OCD Vision Analyser Ortho BioVue System using column agglutination. HH-T-2-07 Manual Method: Red Cell Phenotype using Ortho Biovue cassettes, Lorne Laboratories typing reagents. HH-T-1-46	WH SRFT, RAEI SRFT, RAEI, WH



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HUMAN BODY FLUIDS (cont'd)	<u>Blood Transfusion examinations to assist in clinical investigations</u>	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Blood (EDTA)	Compatibility testing of patient plasma and donor cells	Serological Cross Match Automated OCD Innova Analyser OCD Vision Analyser	WH SRFT, RAEI
Blood (EDTA)	Direct Antiglobulin Test (DAT)	Manual - Ortho BioVue System Column agglutination technology HH-T-2-52 Electronic Issue HH-T-2-77 OCD Innova Analyser OCD Vision Analyser	WH, SRFT, RAEI WH SRFT, RAEI
Blood (EDTA)	Estimation of Foetal cells in maternal circulation	Kleihauer Manual method using ReSource Bioscience Foetal Cell Detection Kit – Acid elution HH-H-2-32	RAEI
END			