


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 UKAS MEDICAL 9561 Accredited to ISO 15189:2012	Warrington and Halton Teaching Hospitals NHS Foundation Trust	
	Issue No: 004 Issue date: 17 September 2021	
	Haematology Department Lovely Lane Warrington Cheshire WA5 1QG	Contact: Steve Acton Tel: +44 (0)1925 275592 E-Mail: s.acton1@nhs.net Website: http://www.whh.nhs.uk/ServiceCatInfo.asp?id=31
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 Haematology Department Warrington & Halton Teaching Hospitals NHS Foundation Trust Warrington Hospital Site Lovely Lane Warrington Cheshire WA5 1QG	Local contact Rob Wilkinson Tel: +44 (0)1925 662539	Haematology/Blood Transfusion Phlebotomy A
Address Haematology Department Warrington & Halton Teaching Hospitals NHS Foundation Trust Halton Hospital Site Runcorn Cheshire WA7 2DA	Local contact Rob Wilkinson Tel: +44 (0)1925 662539	Haematology/Blood Transfusion Phlebotomy B



9561
Accredited to
ISO 15189:2012

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Warrington and Halton Teaching Hospitals NHS Foundation Trust
Issue No: 004 Issue date: 17 September 2021

Testing performed by the Organisation at the locations specified

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS as specified below:	<u>Haematology examination activities for the purposes of clinical diagnosis</u>	In house documented procedures based on equipment manuals and standard methods as specified below:	
Whole Blood	Full Blood Count and differential leucocyte count (Hgb, RCC, WCC, PLTS, Hct, MCV, MCH, MCHC Neutrophils, lymphocytes, monocytes, eosinophils, basophils)	Automated Sysmex XN9000 Track system containing 3 x XN10 Analysers. SOPs: H021, H024, H061	A
		Sysmex XS 1000 Analyser SOPs H414, H418, H419, H420, H422	B
	Reticulocyte count	Automated Sysmex XN9000 Track system, dedicated XN10 Analyser. SOP: H021	A
	Normal/abnormal morphologies and WBC differential	Sysmex SP10 Automated Slide-maker /Stainer and light microscopy. SOPs: H060, H054, H070, H053	A
		Manual staining using MGG SOP:H071	A
	Erythrocyte Sedimentation Rate	Starrsed Interliner V8 Analyser SOP: H004, H005, H006, H007 Manual: Sediplast ESR (Westergren) SOP: H008	A
	Detection of Heterophile antibody	Clearview IM II Glandular Fever Screening Kit SOP: H029	A, B



9561
Accredited to
ISO 15189:2012

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Warrington and Halton Teaching Hospitals NHS Foundation Trust
Issue No: 004 Issue date: 17 September 2021

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS as specified below:	<u>Haematology examination activities for the purposes of clinical diagnosis</u>	In house documented procedures based on equipment manuals and standard methods as specified below:	
Whole blood	Detection and speciation of malaria parasites; - Plasmodium vivax - Plasmodium falciparum - Plasmodium ovale - Plasmodium malariae - Plasmodium knowlesi	Manual staining using Field's and Leishmann stains and light microscopy. SOP: H033, H070	A
	Malaria Antigen Screening for detection of: - Plasmodium falciparum and pan-detection of: - Plasmodium falciparum - Plasmodium malariae - Plasmodium ovale - Plasmodium vivax	CareStart™ RPYDTEST – Malaria Antigen Screening Test SOP: H031	A, B
Bone marrow	Bone marrow assessment for the detection of abnormal cell types, morphology and numbers	Sysmex SP10 Automated Slide-maker /Stainer and light microscopy. SOP's: H050, H054, H060	A
Bone Marrow/urine	Detection of iron	Perl's stain and light microscopy SOP: H035	A
Plasma	Routine Coagulation (PT/APTT/Fibrinogen/D-Dimer/Thrombin Time, INR, APTT ratio, Coagulation correction tests)	Sysmex CS5100 Automated Coagulation Analyser (Warrington) & Sysmex CS2500 Automated Analyser (Halton) SOPs: H203, H206, H207, H208, H210, H211, H212, H213, H218, H239	A, B
Plasma	PT/APTT	Manual techniques using Siemens reagents SOP H206, H208	A, B



9561
Accredited to
ISO 15189:2012

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Warrington and Halton Teaching Hospitals NHS Foundation Trust
Issue No: 004 Issue date: 17 September 2021

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS as specified below:	<u>Haematology examination activities for the purposes of clinical diagnosis</u>	In house documented procedures based on equipment manuals and standard methods as specified below:	
Plasma	Specialist Coagulation (Factor Assays VIII, IX, XI, XII & Factor Xa)	Sysmex CS5100 Automated Coagulation Analyser SOPs: H214 & H215	A
Plasma	Thrombophilia Screening (ATIII, Protein C, Protein S, APCR, Lupus Screen)	Sysmex CS5100 Automated Coagulation Analyser SOPs: H220, H222, H223, H224, H225 & H226	A
Plasma	Anticardiolipin Antibodies	Orgentec Elisa kit with microtitre plate washer and reader SOP: H237, H242, H243	A
Whole blood	Identification and quantitation of Haemoglobin/haemoglobin variants	Documented in-house methods to meet the requirements of the Sickle cell and Thalassaemia screening programme, as defined in the as defined in the July 2018 Sickle cell and Thalassaemia screening programme: laboratory QA evidence requirements	
Whole blood	Sickle Cell Screen (HbS)	Haemoglobinopathy screening by Automated HPLC using TOSOH G8 SOPs: H303, H313, H314, H315, H316, H317, H318 & H319	A
Whole blood	Sickle Cell Screen (HbS)	BioMedomics Sickle Scan test rapid lateral flow chromatographic immunoassay SOP H308	A



9561
Accredited to
ISO 15189:2012

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

Warrington and Halton Teaching Hospitals NHS Foundation Trust

Issue No: 004 Issue date: 17 September 2021

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS as specified below:	<u>Blood Transfusion examination activities for the purposes of clinical diagnosis</u>	In house documented procedures based on equipment manuals and standard methods as specified below	
Whole Blood	Blood group/phenotype and antibody screen A, B, O and AB groups Rh groups, antigens-; C, c, D, E, e, Kell blood group system, antigens: K	Automated Ortho Vision Analyser SOPs: T139, T140 & T141	A
	Blood group/phenotype and antibody screen A, B, O and AB groups Rh groups, antigens-; C, c, D, E, e, Kell blood group system, antigens: K	Manual using Ortho Biovue technique and Ortho Biovue pipette and Workstation. SOPs: T076, T018, T019, T020	A, B
Blood (Plasma)	Antibody identification • Rh blood group system, antigens: C,c,D,E,e • Kell blood group system, antigens: K • Kidd blood group system, antigens: Jka, Jkb, • Duffy blood group system, antigens: Fya, Fyb, • MNS blood group system, antigens: M, N, S, s, • Lewis blood group system, antigens: Lea,Leb • Lutheran blood group system, antigens: Lua, Lub • P blood group system, antigens: P1	Automated Ortho Vision Analyser SOPs: T023, T123	A



9561
Accredited to
ISO 15189:2012

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

Warrington and Halton Teaching Hospitals NHS Foundation Trust

Issue No: 004 Issue date: 17 September 2021

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS as specified below:	<u>Blood Transfusion examination activities for the purposes of clinical diagnosis</u>	In house documented procedures based on equipment manuals and standard methods as specified below	
Blood (Plasma)	Antibody identification <ul style="list-style-type: none"> • Rh groups, antigens: C, c, D, E, e, • Kell blood group system, antigens: K • Kidd blood group system, antigens: Jka, Jkb, • Duffy blood group system, antigens: Fya, Fyb, • MNS blood group system, antigens: M, N, S, s, • Lewis blood group system, antigens: Lea, Leb • Lutheran blood group system, antigens: Lua, Lub • P blood group system, antigens: P1 	Manual using Ortho Biovue technique and Ortho Biovue pipette and Workstation. SOPs: T023, T018, T123, T142	A, B
Whole Blood (Recipient and donor)	Cross match (compatibility testing of patient's plasma with donor red cells) associated provision of blood /blood components.	Automated Ortho Vision Analyser SOP: T028	A
Whole Blood (Recipient and donor)	Cross matching (Compatibility testing of patient's plasma with donor red cells) associated provision of blood /blood components.	Manual using Ortho Biovue technique and Ortho Biovue pipette and Workstation. – SOPs T028, T018, T142	A, B



9561
Accredited to
ISO 15189:2012

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Warrington and Halton Teaching Hospitals NHS Foundation Trust
Issue No: 004 Issue date: 17 September 2021

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS as specified below:	<u>Blood Transfusion examination activities for the purposes of clinical diagnosis</u>	In house documented procedures based on equipment manuals and standard methods as specified below	
Whole Blood (Recipient and donor)	Measurement of Foetal Hb in maternal blood for FMH determination	Inverclyde Foetal Red Cell Detection Kit (Kleihauer) SOP: T059	A
Whole Blood (Recipient and donor)	Neonatal Serology including blood grouping A, B, O and AB groups, Rh groups & provision of blood /blood components	Ortho Vision Analyser SOPs: T139, T140 & T141	A
Whole Blood (Recipient and donor)	Direct Antiglobulin	Ortho Vision Analyser (Automated) – SOP T057, T139, T140 & T141 Manual using Ortho Biovue technique and Ortho Biovue pipette and Workstation – SOPs T028, T018, T019, T020	A, B
END			