

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL 8650</p> <p>Accredited to ISO 15189:2022</p>	<h3>Manchester University NHS Foundation Trust</h3> <p>Issue No: 009 Issue date: 10 November 2025</p>	
	<p>Haematology Department Manchester University NHS Foundation Trust Oxford Road Manchester M13 9WL United Kingdom</p>	<p>Contact: Sylvia Blake Tel: +44 (0) 0161 701 3548 E-Mail: Sylvia.Blake@mft.nhs.uk Website: www.mft.nhs.uk/laboratorymedicine</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 Haematology Department Manchester University NHS Foundation Trust Manchester M13 9WL United Kingdom</p> <p>Local contact Sylvia Blake</p>	Diagnostic Testing	A
<p>Address Haematology Department Trafford General Hospital Moorside Road M14 5SL</p> <p>Local contact Sylvia Blake</p>	Diagnostic Testing	B
<p>Address Directorate of Haematology North Manchester General Hospital Delaunays Road Crumpsall Manchester M8 5RB</p> <p>Local contact Sylvia Blake</p>	Diagnostic Testing	C
<p>Address Haematology Department Wythenshawe Hospital Southmoor Road Manchester M23 9LT</p> <p>Local contact Sylvia Blake</p>	Diagnostic Testing	D



8650

Accredited to
ISO 15189:2022

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

Manchester University NHS Foundation Trust

Issue No: 009 **Issue date:** 10 November 2025

Testing performed by the Organisation at the locations specified

Site activities performed away from the locations listed above:

Location details	Activity	Location code
Oxford Road Campus Blood issue fridges at: Adult A&E Paediatric A&E Central Delivery Suite Paediatric Theatre Adult Theatre Haematology Ward	Local contact Thomas Trimble Thomas.Trimble@mft.nhs.uk Storage and issue of blood and blood products	A
Trafford General Hospital: Pathology	Local contact Thomas Trimble Thomas.Trimble@mft.nhs.uk Storage and issue of blood and blood products	B
North Manchester General Hospital: Blood Issue Fridge Essential Service Laboratory Central Delivery Unit Main Theatre	Local contact Sophie Moores Sophie.Moores@mft.nhs.uk Storage and issue of blood and blood products	C
Wythenshawe Hospital: Blood issues fridges at: Maternity Accident & Emergency CDU Cardiothoracic theatres Main theatre Acute theatres Acute ICU Treatment and Diagnostics centre	Local contact Nathan Jones Nathan.Jones@mft.nhs.uk Storage and issue of blood and blood products	D



8650
Accredited to
ISO 15189:2022

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

Manchester University NHS Foundation Trust

Issue No: 009 Issue date: 10 November 2025

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 (cont'd)	<u>Haematology examinations for the purposes of clinical diagnosis</u> (cont'd)	In-house documented procedures based on equipment manuals as relevant	
EDTA Plasma	Plasma Viscosity	Benson Viscometers, capillary method Haem HA-S-26	
Blood	Blood film assessment for detection of abnormal cell types, morphology and numbers	SP10 automated slide maker stainer and May Grunwald and Giemsa stain examined by light microscopy, LI_HAEM-GH121	A, C
		Manual blood film preparation and automated staining using RAL stainer and May Grunwald and Giemsa stain examined by light microscopy using LP HAEM GH13 LI_HAEM_GEN52	A,
		Sysmex SP10 LI_HAEM_GH121	D
		LI_HAEM_GH58 Slides stained with May Grunewald Giemsa Stain	D
Blood	Iron stain	Manual Perl's Prussian Blue stain examined by light microscopy SOP LP_HAEM_GH17	C
Blood	Malaria screen for P. falciparum P. vivax P. ovale P. malariae P. knowlesi	Using Giemsa/Fields Staining for thin smears and manual microscopy LP LP_HAEM_GH10	A, B,
			-



8650
Accredited to
ISO 15189:2022

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

Manchester University NHS Foundation Trust

Issue No: 009 **Issue date:** 10 November 2025

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 (cont'd)	<u>Haematology examinations for the purposes of clinical diagnosis</u> (cont'd)	In-house documented procedures based on equipment manuals as relevant	
Blood	Estimation of Erythrocyte Sedimentation Rate	Automated method using Sysmex Interrliner and Westergren method, LP_HAEM_GH7	A
		Autocompact ESR analyser- Trafford	A
		Inversa analyser by Westergren method	C
		StaRRsed inversa using Westergren method	D
Bone marrow	Bone marrow assessment for detection of abnormal cell types, morphology and numbers	Sysmex SP10 slide stainer and Romanowski stain, LP_HAEM_GH16	A
		RAL staining machine and Romanowski stain, LP_HAEM_GH13	B



8650
Accredited to
ISO 15189:2022

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

Manchester University NHS Foundation Trust

Issue No: 009 **Issue date:** 10 November 2025

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 (cont'd)	<u>Haematology examinations for the purposes of clinical diagnosis (cont'd)</u>	In-house documented procedures based on equipment manuals as relevant	
Plasma	<u>Coagulation examination activities for the purpose of clinical diagnosis</u> Prothrombin time Prothrombin time correction with normal plasma APTT APTT correction with normal plasma Clauss fibrinogen D Dimer Low molecular weight heparin	Roche Cobas 8100 and Sysmex CS5100i coagulation analyser using immuno-turbidimetry, chromogenic and optical absorbance LP_HAEM_COAG57 LP_HAEM_COAG61	A
Plasma	Prothrombin Time / INR Activated Partial Thromboplastin time (aPTT) Fibrinogen (Derived) Fibrinogen (Clauss) D-Dimer	Sysmex CS-2500 LP_HAEM_COAG38 and LP_HAEM_COAG40	C
Plasma	Prothrombin Time / INR Activated Partial Thromboplastin time (aPTT) Fibrinogen (Clauss) D-Dimer	Sysmex CS5100i Coagulation analyser LP_HAEM_COAG57	D
Plasma	Thrombin time Factor VIII, IX, XI Von Willebrands Factor antigen Anti Xa levels	LP_HAEM_COAG66 LP_HAEM_COAG_69 LP_HAEM_COAG61	
Plasma	Thrombophilia screening: Anti-thrombin 3 activity Protein C activity Free Protein S level Thrombin time Reptilase time	Roche Cobas 8100 and Sysmex CS5100i coagulation analyser using immuno-turbidimetry, chromogenic and optical absorbance LP_HAEM_COAG62	A



8650
Accredited to
ISO 15189:2022

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

Manchester University NHS Foundation Trust

Issue No: 009 Issue date: 10 November 2025

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 (cont'd)	<u>Haematology examinations for the purposes of clinical diagnosis (cont'd)</u>	In-house documented procedures based on equipment manuals as relevant	
Plasma	<u>Coagulation (cont'd)</u> Lupus anticoagulant testing: APTT Dilute Russell Viper venom time Dilute Russell Viper venom confirmation	Roche Cobas 8100 and Sysmex CS5100i coagulation analyser using immuno-turbidimetry, chromogenic and optical absorbance LP_HAEM_COAG65	A
	Anti Xa levels	LP_HAEM_COAG61	D
	Von Willebrands factor antigen	LP_HAEM_COAG69	D
Plasma	Novel Anticoagulant levels: Dabigatran Rivoroxaban Apixaban Edoxaban Fondaparinux	Roche Cobas 8100 and Sysmex CS5100i coagulation analyser using immuno-turbidimetry, chromogenic and optical absorbance LI_HAEM_COAG85	A
Plasma	Coagulation: Prothrombin time APTT D-Dimer Thrombin time Fibrinogen	Roche Cobas 8100 and Sysmex CS2500i coagulation analyser using immuno-turbidimetry, chromogenic and optical absorbance and chromogenic methods LP_HAEM_COAG57	B
Plasma	Coagulation Factor Assays: Factor II, V, VII, VIII, IX, X, XI, XII Factor VIII Refacto Chromogenic Factor VIII and XIII	Roche Cobas 8100 and Sysmex CS5100i coagulation analyser using immune-turbidometry, chromogenic and optical absorbance LP_HAEM_COAG66 LFHAEM_COAG41 LP_HAEM_COAG67 LI_HAEM_COAG89 and LI_HAEM_COAG90	A
	Von Willebrand antigen level	LP_HAEM-COAG69	
	Ristocetin Cofactor level	Werfen/IL Accustar using chemiluminescent immunoassay	D



8650
Accredited to
ISO 15189:2022

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

Manchester University NHS Foundation Trust

Issue No: 009 **Issue date:** 10 November 2025

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 (cont'd)	<u>Haematology examinations for the purposes of clinical diagnosis</u> (cont'd)	In-house documented procedures based on equipment manuals as relevant	
Serum	Coagulation (cont'd) Collagen Binding For Von Willebrands Activity	CO-S-93	D
	Heparin Induced Thrombocytopenia (HIT) Screen	CO-S-94	D
Citrated Plasma	Inhibitor assays: Nijmegen modification Bethesda assay <ul style="list-style-type: none"> • FVIII • FIX 	Semi-automated technique with manual initial set up and automated Roche Cobas 8100 and Sysmex CS5100i coagulation analyser using immuno-turbidimetry, chromogenic and optical absorbance and chromogenic methods LP_HAEM_COAG63 LI_HAEM_COAG88	A
	Monitoring of Factor replacement Therapies FVIII	One stage clotting assay Emicizumab-modified FVIII assay(standard human plasma for calibration curve replaced by Emicizumab LP_HAEM-COAG64	
	<u>Factors Assays</u> FV, FII, FVII, FX	Dade Innovin PT reagent LP_HAEM_COAG66	
	FVIII, FIX, FXI, FXII	Actin FS – APTT reagent LP_HAEM_COAG66	
		CaCl ₂ LP_HAEM_COAG66	



8650
Accredited to
ISO 15189:2022

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

Manchester University NHS Foundation Trust

Issue No: 009 **Issue date:** 10 November 2025

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 (cont'd)	<u>Haematology examinations for the purposes of clinical diagnosis (cont'd)</u>	In-house documented procedures based on equipment manuals as relevant	
Blood	Platelet aggregation and nucleotide release	Lab Medics Chronolog 700 platelet aggregometer, LP_HAEM_COAG50	A
Blood	Sickle solubility test for presence of sickle haemoglobin (HbS)	Streck Sickdex qualitative solubility and LP_HAEM_RC32	A,B, C, D
		Documented in-house methods to meet the requirement of the Sickle cell and thalassaemia screening programme as defined in the July 2018 'Sickle cell and thalassaemia screening:laboratory QA evidence requirements	
	Sickle cell and Thalassemia screen for beta trait and evidence of alpha trait.	Biorad Variant II HPLC analyser, LP_HAEM_RC36 Variant II Operation.	B
Blood	G6PD screen and assay	Trinity Biotech G6PD screening test kit, LP-HAEM RBC 50 G-6-PDH Screen	A
		Pointe Scientific G6PD assay kit, HAEM RBC PRO 007 G-6-PDH Enzyme Assay	
Urine	Detection of haemosiderin	Manual staining using Clinitech Perl's staining kit, LP_HAEM_GH22 Haemosiderin	A, B



8650
Accredited to
ISO 15189:2022

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

Manchester University NHS Foundation Trust

Issue No: 009 **Issue date:** 10 November 2025

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 (cont'd)	<u>Blood Transfusion examinations for the purposes of clinical diagnosis</u>	In-house documented procedures based on equipment manuals as relevant	
Blood	Compatibility testing: Serological crossmatch – serological compatibility testing between donor red cell antigens and patient plasma	Automated cross match using Grifols Erytra analyser and LP_HAEM_BT75 Manual cross match using Grifols cards and LP_HAEM_BT78	A, B
		Automated Cross match using Ortho Vision analyser using column agglutination technology BB-S-19	C
		Manual method BioRad using Gel card agglutination BB-S-4	D
Blood	Determination of blood group (ABO, RhD) and Antibody screening using the following panel: NBS cellstab 2 cell panel (CE) covering D, C, E, c, e, C ^w , K, k, Kp ^a , Js ^a , Fy ^a , Fy ^b , Jk ^b , Le ^a , Le ^b , P ₁ , M, N, S, s, Kp ^b , Lu ^b	Automated ABO Blood Group typing and Antibody screening using Grifols Erytra analyser, LP_HAEM_BT76 Manual Grouping and Antibody screening using Grifols cards and LP_HAEM_BT77	A, B
Blood	Blood Group, A, B, O and AB groups Rh groups, antigen D and antibody screen using Ortho Surgiscreen 3 cell panel	Automated using Ortho Vision analyser using column agglutination technology BB-S-23	C
Blood	Blood group by detection and identification of antigens: A Rh D Positive AB Rh D Positive B Rh D Positive O Rh D Positive A Rh Negative AB Rh D Negative B RhD Negative O Rh D Negative	Agglutination using manual tubemethods: BB-S-11 BB-S-9	D



8650
Accredited to
ISO 15189:2022

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

Manchester University NHS Foundation Trust

Issue No: 009 **Issue date:** 10 November 2025

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 (cont'd)	<u>Blood Transfusion examinations for the purposes of clinical diagnosis</u> (cont'd)	In-house documented procedures based on equipment manuals as relevant	
Blood	Antibody panels of the following systems: Rh-hr, KELL, DUFFY, KIDD, LEWIS, MNS, P and LUTHERAN	Ortho Vision analyser using column agglutination technology Resolve Panel C SOP Resolve Panel B SOP BB-S-3	D C
Blood	Antibody identification and phenotyping Using Griffols IAT and ENZ panels panel to ID: D, C, E, c, e, C ^w , K, k, Kp ^a , Js ^a , Fy ^a , Fy ^b , Jk ^a JK ^b , Le ^a , Le ^b , P ₁ , M, N, S, s, Lu ^a , Co ^b , Xg ^a	Manual method using NHSBT panel 1 in CellStab SOP BB-S-3 Automated using Grifols Erytra analyser and manual method using Griffols cards and LP_HAEM_BT14 BB-S-7	D A, B
Blood	Atypical antibody screen and red blood cell phenotyping by detection of antibodies to: Rh: C, D, E, c, e, f, Cw and V. Kell: K, k, Kp(a), Kp(b), Js(a) and Js(b). Duffy: Fy(a) and Fy(b). Kidd: JK(a) and Jk(b). Sex Linked: Xg(a). Lewis: Le(a) and Le(b). MNS: S, s, M and N P: P1 Lutheran: Lu(a) and Lu(b).	Column Agglutination using Ortho Vision using: BB-S-17 Column Agglutination technology using Ortho Vision autoamted techniques methods using : BB-S-20 BB-S-5 BioRad LISS/Coombs method using: BB-S-3: NHSBT Cell panel	D
Blood	Determination of Rhesus and Kell Phenotyping (D, C, E, c, e, C ^w , K)	Automated using Grifols Erytra analyser and manual using Griffols Cards and LP_HAEM_BT14	A, B



8650
Accredited to
ISO 15189:2022

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

Manchester University NHS Foundation Trust

Issue No: 009 Issue date: 10 November 2025

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 (cont'd)	<u>Blood Transfusion examinations for the purposes of clinical diagnosis</u> (cont'd)	In-house documented procedures based on equipment manuals as relevant	
Whole Blood :EDTA Plasma	Atypical antibody screen and red blood cell phenotyping by detection of antibodies to: Rh: C, D, E, c, e, f, Cw and V. Kell: K, k, Kp(a), Kp(b), Js(a) and Js(b). Duffy: Fy(a) and Fy(b). Kidd: JK(a) and Jk(b). Sex Linked: Xg(a). Lewis: Le(a) and Le(b). MNS: S, s, M and N P: P1 Lutheran: Lu(a) and Lu(b).	Column Agglutination using Ortho Vision using: BB-S-17 Ortho Vision Sample processing Column Agglutination technology using Ortho Vision autoamted techniques methods using : BB-S-20 Manual Bio Vue methods using : BB-S-5: BioVue Untreated Cell Panel and Ficin Treated Cell Panel BioRad LISS/Coombs method using: BB-S-3: NHSBT Cell panel	D
EDTA Plasma	Four Cell Anti-D Screening Test	Manual Column Agglutination technology using Ortho BioVue methods: BB-S-7: Investigation of RhD Negative Women with a Positive Antibody Screen Following Administration of Anti-D Prophylaxis.	D
Blood	Direct antiglobulin test	Ortho Vision analyser using column agglutination technology SOP BB-S-12	C, D
Blood	Direct antiglobulin test for detection of antibody bound red cells	Automated method using Grifols Erytra analyser and manual method using Grifols cards and LP_HAEM_BT14	A, B



8650
Accredited to
ISO 15189:2022

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

Manchester University NHS Foundation Trust

Issue No: 009 Issue date: 10 November 2025

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
<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Blood</p>	<p><u>Blood Transfusion examinations for the purposes of clinical diagnosis (cont'd)</u></p> <p>Estimation of Fetomaternal Haemorrhage (FMH), detection of HbF in maternal sample</p>	<p>In-house documented procedures based on equipment manuals as relevant</p> <p>Using the Kleihauer technique with acid elution and the Clin-Tech Shepard's stain kit, LP_HAEM_BT55 BB-S-1 BB-S-2</p> <p>Using the Kleihauer technique with acid elution and Shepard's staining kit BB-S-1 BB-S-2</p>	<p>A, C</p> <p>D</p>
END			