Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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



8703

Accredited to ISO 15189:2022

Belfast Health and Social Care Trust

Issue No: 005 Issue date: 15 January 2025

Department of Haematology and

Transfusion

Belfast Health and Social Care Trust

Royal Group of Hospitals

Grosvenor Road

Kelvin Building

Belfast

BT12 6BA

United Kingdom

Contact: Frances McCauley

Tel: +44 (0)289 5047 908

Fax: +44 (0)289 0745 435

E-Mail: Frances.McCauley@belfasttrust.hscni.net

Website:

www.belfasttrust.hscni.net/services/Laboratory-

MortuaryServices.htm

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
Belfast City Hospital Lisburn Road Belfast BT9 7AB United Kingdom	Haematology Coagulation Blood Transfusion	всн
Belfast Royal Victoria Hospital 7 Mulhouse Road Belfast BT12 5DL United Kingdom	Haematology Coagulation Blood Transfusion	RVH
Royal Belfast Hospital for Sick Children 180-184 Falls Road Belfast BT12 6BE United Kingdom	Haematology Blood Transfusion	RBHSC
Mater Infirmorum Hospital 45-51 Crumlin Road BT14 6AB United Kingdom	Haematology Blood Transfusion	МІН

Assessment Manager: SM9 Page 1 of 15



ISO 15189:2022

Schedule of Accreditation issued by

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

Belfast Health and Social Care Trust

Issue No: 005 Issue date: 15 January 2025

Testing performed by the Organisation at the locations specified

Site activities performed away from the locations listed above:

Location details	Activity
Theatre Reception Belfast City Hospital Lisburn Road Belfast BT9 7AB United Kingdom	Blood storage & issue only Fridge monitored by Haematology
Cardiac Theatre Reception Belfast Royal Victoria Hospital 7 Mulhouse Road Belfast BT12 5DL	Blood storage & issue only Fridge monitored by Haematology
Theatres Level 3 A Block Belfast Royal Victoria Hospital 7 Mulhouse Road Belfast BT12 5DL	Blood storage & issue only Fridge monitored by Haematology
3B RICU Level 3 Belfast Royal Victoria Hospital 7 Mulhouse Road Belfast BT12 5DL	Blood storage & issue only Fridge monitored by Haematology
ICU Royal Belfast Hospital for Sick Children 180-184 Falls Road Belfast BT12 6BE	Blood storage & issue only Fridge monitored by Haematology
Theatres Royal Belfast Hospital for Sick Children 180-184 Falls Road Belfast BT12 6BE	Blood storage & issue only Fridge monitored by Haematology
Royal Jubilee Maternity Hospital (RMH) Delivery Suite 274 Grosvenor Road Belfast BT12 6BA	Blood storage & issue only Fridge monitored by Haematology

Assessment Manager: SM9 Page 2 of 15



Schedule of Accreditation issued by

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

Belfast Health and Social Care Trust

Issue No: 005 Issue date: 15 January 2025

Testing performed by the Organisation at the locations specified

Location details	Activity
Musgrave Park Hospital (MPH) Theatre Reception Stockmans Lane Belfast BT9 7JB	Blood storage & issue only Fridge monitored by Haematology
Ulster Independent Clinic (UIC) Theatre Reception Level 1 245 Stranmillis Road Belfast BT9 5JH	Blood storage & issue only Fridge monitored by Haematology
Kingsbridge Private Hospital (KPH) Theatre Reception Level 2 815 Lisburn Road Belfast BT9 7GX	Blood storage & issue only Fridge monitored by Haematology
Lagan Valley Hospital (LVH) Theatre Hillsborough Road Lisburn BT28 1JP	Blood storage & issue only Fridge monitored by Haematology
Downe Hospital (DH) Level 1 Ward 2 2 Struell Wells Road Downpatrick BT30 6RL	Blood storage & issue only Fridge monitored by Haematology
MIH Resus (Casualty) Mater Infirmorum Hospital 45-51 Crumlin Road BT14 6AB United Kingdom	Blood storage & issue only Fridge monitored by Haematology
MIH Theatre Recovery Mater Infirmorum Hospital 45-51 Crumlin Road BT14 6AB United Kingdom	Blood storage & issue only Fridge monitored by Haematology

Assessment Manager: SM9 Page 3 of 15



Schedule of Accreditation issued by

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

Belfast Health and Social Care Trust

Issue No: 005 Issue date: 15 January 2025

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	Blood Transfusion examinations to assist in clinical investigations	Procedures documented in manufacturer's equipment manuals in conjunction with documented inhouse procedures by the following methods:	
Whole Blood unless stated	Manual Blood Group/Phenotype: A, B, O and AB groups Rh – C,D,E,c,e Kell – K,Kpa Duffy – Fya,Fyb MNSs – M,N,S,s Kidd – JKa,Jkb Lewis – Lea,Leb	Manual tube technique using Immucor anti-sera. Macroscopic visual detection of red cell agglutination. Tube Method for Manual blood group and detection of antigens (except Rh groups antigens) Gel Cards and BioRad ID-Incubator L and BioRad ID-Centifuge L SOP: H-249, H-48, H-272	BCH, MIH and RVH
	Antibody screening/detection	BioRad IH 1000, IH 500 & Gel cards and agglutination interface detection using 3 ID-Diacell antibody screening cells SOP H-3090, H-3091, H-3089 Manual procedures by tube technology – red cell agglutination, macroscopic visual detection and gel cassette method. SOP H-262	BCH, MIH and RVH
	Antibody Identification A, B, O and AB groups Rh – C,D,E,c,e,Cw Kell – K,Kpa Duffy –Fya,Fyb MNSs- M,N,S,s Kidd – JKa,Jkb Lewis – Lea, Leb	Using BioRad IH 1000 & IH 500 & Gel cards and agglutination interface detection using 11 cell screen (LISS/Coombs & enzyme) SOP: H-45, H-3090, H-3091 and H-3089 Manual procedures by tube technology – red cell agglutination, macroscopic visual detection and gel cassette method. SOP H-45	BCH, MIH and RVH

Assessment Manager: SM9 Page 4 of 15



Schedule of Accreditation issued by

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

Belfast Health and Social Care Trust

Issue No: 005 Issue date: 15 January 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)	Blood Transfusion examinations to assist in clinical investigations (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented inhouse procedures by the following methods:	
Whole Blood unless stated	Direct Coombs for detection of red cell sensitisation.	Using BioRad IH 1000, IH 500 & Gel cards and visual detection of interface. SOP: H-3090, H-3091 and H-3089	BCH, MIH and RVH
Blood (plasma) and Donor Red Cells	Compatibility testing of patients plasma with donor cells	Using BioRad IH 1000, IH 500 & Gel cards and visual detection of interface. SOP: H-3090, H-3091 and H-3089	BCH, MIH and RVH
		Manual procedures by tube technology – red cell agglutination, macroscopic visual detection and gel cassette method SOP: H-261	
	Feto-Maternal Haemorrhage	Kleihauer elution technique SOP H-295	RVH
	RhD Negative screen for atypical antibodies in the presence of passively acquired Anti-D	BioRad IH 1000 & Gel cards and agglutination interface detection SOP: H-3091 and H-3089	RVH
	Newborn Test to determine the cell group of infants under 4 months old and IgG sensitisation	BioRad IH 1000 & Gel cards and agglutination interface detection SOP: H-3090, H-3091 and H-3089	RVH
	Cord Group to determine forward group of infants born to RhD neg. mothers	BioRad IH 1000 & Gel cards and agglutination interface detection SOP: H-3090 and H-3089	RVH

Assessment Manager: SM9 Page 5 of 15



Schedule of Accreditation issued by

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

Belfast Health and Social Care Trust

Issue No: 005 Issue date: 15 January 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)	Haematological examinations for the purpose of clinical diagnosis	Procedures documented in manufacturer's equipment manuals in conjunction with documented inhouse procedures by the following methods:	
Whole Blood in EDTA unless stated	Complete Blood Count (CBC) for the following parameters:	Sysmex XN-20, XN-10 SOP H-3253	BCH, MIH,
	Haemoglobin Estimation	SLS Hb detection method (light absorbance)	RVH and RBHSC
	Haematocrit	RBC cumulative pulse height detection method	
	White Cell Count (WCC) and Differential (DWCC)	Flow cytometry method using semi- conductor laser	
	Red cell Count (RCC)	Hydrodynamic focusing	
	Mean Cell Volume (MCV)	Calculations using Sysmex analysers	
	Mean Cell Haemoglobin Concentration (MCHC)	Calculations using Sysmex analysers	
	Mean Cell Haemoglobin (MCH)	Calculations using Sysmex analysers	
	Platelets	Hydrodynamic focusing	

Assessment Manager: SM9 Page 6 of 15



Schedule of Accreditation issued by

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

Belfast Health and Social Care Trust

Issue No: 005 Issue date: 15 January 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)	Haematological examinations for the purpose of clinical diagnosis (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented inhouse procedures by the following methods:	
Whole Blood in EDTA unless stated (cont'd)	Complete Blood Count (CBC) for the following parameters: (cont'd)	Sysmex XN-20, XN-10 cont'd	BCH, MIH, RVH and RBHSC
	Nucleated Red Cell count	Flow cytometry method using semi- conductor laser	
	Reticulocyte count	Flow cytometry method using semi- conductor laser	
	Erythrocyte Sedimentation Rate (ESR)	Starrsed Interliner analyser By electronic detection of interface SOP: H-599	BCH, RVH
	Blood Film: Leucocyte differential count	Manual microscopic analysis SOP H-631, H-628	BCH, MIH, RVH and RBHSC
	Malarial antigens of: Plasmodium falciparum and pan-detection for: Plasmodium falciparum, Plasmodium malariae, Plasmodium ovale & Plasmodium vivax	Immunochromatographic Assay by BinaxNow Kit. SOP H-603	RVH
	Plasmodium falciparum Plasmodium malariae Plasmodium ovale Plasmodium vivax Plasmodium knowlesi	Giemsa R66 formulation Stain by Gurr and Microscopic Examination SOP H-603	RVH
CSF	Haematological cell type	Manual cell count & Cytospin Examination SOP H-637 and H-636	RBHSC

Assessment Manager: SM9 Page 7 of 15



Schedule of Accreditation issued by

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

Belfast Health and Social Care Trust

Issue No: 005 Issue date: 15 January 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)	Haemostasis and thrombosis examinations for the purpose of clinical diagnosis	Procedures documented in manufacturer's equipment manuals in conjunction with documented inhouse procedures by the following methods:	
Whole Blood (Citrated)		Werfen ACL TOP 550 analysers using turbidmetric, absorbance and immunological methodology for the detection of clots SOP: H-3235, H-3230, H-3222, H-3225	
	Prothrombin Time / INR		BCH, MIH and RVH
	Activated Partial Thromboplastin Time (APTT)		BCH, MIH and RVH
	Fibrinogen		BCH, MIH and RVH
	D-Dimer		RVH and MIH
Whole Blood (Citrated)		Werfen ACL TOP 550 analysers using turbidmetric, absorbance and immunological methodology for the detection of clots SOP: H-3243, H-3244, H-3245, H-3222, H-3225	
	Protein C		
	Protein S		
	Antithrombin III		
Whole blood in EDTA	Haemoglobinopathy screening for the detection of: Haemoglobin variants Thalassesmia Measurement of HbA2% Measurement of HbF% Haemoglobin variant %	Sebia Capillarys 3 by capillary electrophoresis in free solution SOP: H-3106, H-519, H-3122	ВСН

Assessment Manager: SM9 Page 8 of 15



Schedule of Accreditation issued by

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

Belfast Health and Social Care Trust

Issue No: 005 Issue date: 15 January 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)	Haemato-oncology examinations for the purpose of clinical diagnosis	Procedures documented in manufacturer's equipment manuals in conjunction with documented inhouse procedures by the following methods:	
Bone Marrow	Iron deposits/stores and presence of ringed sideroblasts	Cytochemical stain Perls Prussian Blue SOP H-2078	всн
Peripheral Blood	Paroximal nocturnal haemoglobinuria (PNH) clone	Becton Dickinson FACSLyric Flow cytometer and FACSLink LIS interface solution. Using flow cytometry and the use of fluorescence labelled antibodies to identify target cells SOP: H-3219, H-3328	всн
CSF	Malignant white cells	FACSLyric Manual microscopic analysis and flow cytometry SOP H-875 & SOP H-883	ВСН
Peripheral Blood, Bone Marrow, PBSC Harvests	CD 34 Emumeration	Becton Dickinson FACSLyric flow cytometer and FACSLink LIS interface solution SOP: H-3219, H-3302	ВСН
Urine	Haemosiderin	Cytochemical stain - Perls Prussian Blue Manual microscopic analysis	ВСН

Assessment Manager: SM9 Page 9 of 15



Schedule of Accreditation issued by

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

Belfast Health and Social Care Trust

Issue No: 005 Issue date: 15 January 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)	Haemato-oncology examinations for the purpose of clinical diagnosis (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented inhouse procedures by the following methods:	
Lymph Node, Spleen	Malignant cells	FACSLyric, Becton Dickinson Lyse Wash Assistant, Sysmex XE2100 Immunophenotypic examinations Manual microscopic analysis and flow cytometry SOP H-874, H-882, H-883	всн
Plural Fluid, Ascitic Fluid, Peritoneal Fluid	Malignant cells	FACSLyric, Becton Dickinson Lyse Wash Assistant, Sysmex XE2100 Immunophenotypic examinations Manual microscopic analysis and flow cytometry SOP H-874 & H-883	всн
Peripheral Blood, Bone Marrow	Absolute Lymphocyte Counts	Becton Dickinson FACSLyric flow cytometer SOP: H-3219, H-3321	ВСН
Cellular Fluid	Malignant cells	FACSLyric, Becton Dickinson Lyse Wash Assistant, Sysmex XE2100 Immunophenotypic examinations Manual microscopic analysis and flow cytometry SOP H-882 & H-883	всн
Peripheral Blood	Hereditary spherocytosis	EMA binding assay FACSLyric Flow cytometry SOP H-2077	всн
Peripheral Blood	Platelet Glycoproteins	FACSLyric Measured by Flow Cytometry SOP H-895	всн

Assessment Manager: SM9 Page 10 of 15



Schedule of Accreditation issued by

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

Belfast Health and Social Care Trust

Issue No: 005 Issue date: 15 January 2025

Testing performed by the Organisation at the locations specified

Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Special red cells examinations for the purpose of clinical diagnosis	Procedures documented in manufacturer's equipment manuals in conjunction with documented inhouse procedures by the following methods:	
G6PD	Unicam Spectrophotometer Spectrophotometer SOP H-525	ВСН
Haemoglobin variants	Iso-electric focussing Flat Bed screen SOP H-519	всн
Haemoglobin	Unicam Spectrophotometer SOP H-492	всн
Erythropoietin	Quantitative method by R&D Systems EPO ELISA Kit SOP H-496	всн
Sickle Cell Screen for HbS	Qualitative test using Sickledex kit SOP H-546	RVH and BCH
HbF and HbA2	Adams A1c HA8180T High Pressure Liquid Chromatography SOP H-2070	ВСН
Pyruvate Kinase Assay	Unicam Spectrophotometer SOP H-529	всн
	measured/Range of measurement Special red cells examinations for the purpose of clinical diagnosis G6PD Haemoglobin variants Haemoglobin Erythropoietin Sickle Cell Screen for HbS HbF and HbA2	Special red cells examinations for the purpose of clinical diagnosis Procedures documented in manufacturer's equipment manuals in conjunction with documented inhouse procedures by the following methods:

Assessment Manager: SM9 Page 11 of 15



Schedule of Accreditation issued by

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

Belfast Health and Social Care Trust

Issue No: 005 Issue date: 15 January 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)	Haemostasis and thrombosis examinations for the purpose of clinical diagnosis	Procedures documented in manufacturer's equipment manuals in conjunction with documented inhouse procedures by the following methods:	
Citrated plasma unless stated	Prothrombin Time	Stago Compact Max Clotting method SOP H-633	всн
	Prothrombin Time Correction time	Clotting method SOP H-621	ВСН
	APTT	Clotting method SOP H-585	BCH and RVH
	APTT correction time	Clotting method SOP H-623	BCH and RVH
	Fibrinogen	Clotting method SOP H-614	BCH and RVH
	D-dimer	Immuno-turbidimetric assay SOP H-671	всн
	INR	Clotting method SOP H-633	BCH and RVH
	Factor II	Clotting method SOP H-470	ВСН
	Factor V	Clotting method SOP H-473	всн
	Factor VII	Clotting method SOP H-462	всн
	Factor VIII clotting	Clotting method SOP H-626	BCH and RVH
	Chromogenic Factor VIII	Chromogenic Assay SOP H-629	BCH and RVH
	Factor IX	Clotting method SOP H-674	всн
L			

Assessment Manager: SM9 Page 12 of 15



Schedule of Accreditation issued by

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

Belfast Health and Social Care Trust

Issue No: 005 Issue date: 15 January 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)	Haemostasis and thrombosis examinations for the purpose of clinical diagnosis (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented inhouse procedures by the following methods:	
Citrated plasma unless stated (cont'd)	Factor X	Stago Compact Max Clotting method SOP H-467	BCH and RVH
	Factor XI	Clotting method SOP H-508	ВСН
	Factor XII	Clotting method SOP H-504	всн
	Factor XIII	Spectrophotometer Chromogenic Assay SOP H-689	ВСН
	Factor IX inhibitor status	Stago Compact Max Clotting method SOP H-445	ВСН
	Factor VIII inhibitor	Clotting method SOP H-445	ВСН
	Von Willebrand Factor Antigen	Immuno-turbidimetric assay SOP H-659	ВСН
	Von Willebrand Factor Activity Latex	Immuno-turbidimetric assay SOP H-667	ВСН
	Activated Protein C Resistance	Stago Compact Max, IL APC Resistance kit Clotting method SOP H-455	всн
	Antithrombin Antigen	Immuno-turbidimetric assay SOP H-2449	всн
	Immunologocal Fibrinogen	Binda RID fib - Radial Immunodiffusion SOP H-664	всн

Assessment Manager: SM9 Page 13 of 15



Schedule of Accreditation issued by

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

Belfast Health and Social Care Trust

Issue No: 005 Issue date: 15 January 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)	Haemostasis and thrombosis examinations for the purpose of clinical diagnosis (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented inhouse procedures by the following methods:	
Citrated plasma unless stated (cont'd)	Fondaparinux	Stago Compact Max Chromogenic Assay SOP H-656	всн
	Protein S Activity	Clotting method SOP H-513	ВСН
Serum	Heparin associated antibody	GTI-PF4 ELISA Kit ELISA technique SOP H-575	ВСН
Citrated plasma unless stated	Incubated APTT	Stago Compact Max Clotting method SOP H-527	ВСН
	Unfractionated Heparin assay	Chromogenic Assay SOP H-656	ВСН
	Lupus Anticoagulant Screen	Clotting method SOP H-680	ВСН
	LA Sensitive APTT / Correction	Clotting method SOP H-685	ВСН
Citrated plasma unless stated	Plasminogen	Stago Compact Max Chromogenic Assay SOP H-451	всн
	Plasminogen Activator Inhibit	Chromogenic Assay SOP H-451	ВСН
	Protein C Antigen	ELISA technique SOP H-2372	ВСН
	Reptilase Time	Stago Compact Max Clotting method SOP H-589	

Assessment Manager: SM9 Page 14 of 15



ISO 15189:2022

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

Schedule of Accreditation

Belfast Health and Social Care Trust

Issue No: 005 Issue date: 15 January 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)	Haemostasis and thrombosis examinations for the purpose of clinical diagnosis (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented inhouse procedures by the following methods:			
Citrated plasma	Thrombin Clotting Time	Stago Compact Max Clotting method SOP H-609	всн		
END					

Assessment Manager: SM9 Page 15 of 15