


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p>Accredited to ISO 15189:2022</p>	<b>The North Bristol NHS Trust</b> Issue No: 008 Issue date: 05 December 2025	
	Department of Haematology & Blood Transfusion Pathology Sciences Building Southmead Hospital Westbury on Trym Bristol BS10 5NB	Contact: Mrs Halina Collingbourne Tel: +44 (0) 117 4148354 Fax: +44 (0) 117 4148355 E-Mail: <a href="mailto:halina.collingbourne@nbt.nhs.uk">halina.collingbourne@nbt.nhs.uk</a> Website: <a href="http://www.nbt.nhs.uk/severnpathology">http://www.nbt.nhs.uk/severnpathology</a>
Testing performed at the above address only		

### Laboratory locations:

Location details	Activity
<b>Address</b> Department of Haematology & Blood Transfusion Pathology Sciences Building Southmead Hospital Westbury on Trym Bristol BS10 5NB	<b>Contact details:</b> Contact: Mrs Halina Collingbourne Tel: +44 (0) 117 4148354 Fax: +44 (0) 117 4148355 E-Mail: <a href="mailto:halina.collingbourne@nbt.nhs.uk">halina.collingbourne@nbt.nhs.uk</a> Website: <a href="http://www.nbt.nhs.uk/severnpathology">http://www.nbt.nhs.uk/severnpathology</a>
	Haematology Coagulation Blood Transfusion Sickle cell and thalassaemia screening

### Site activities performed away from the locations listed above:

Location details	Activity
Central Delivery Suite (Maternity Department) Southmead Hospital	Storage of Blood products
Brunel Building Level 0 Southmead Hospital	Storage of Blood products
Brunel Building Level 1 Southmead Hospital	Storage of Blood products
Brunel Building Level 2 Southmead Hospital	Storage of Blood products
Brunel Building Level 3 Southmead Hospital	Storage of Blood products
Brunel Building Level 5 Southmead Hospital	Storage of Blood products



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Location details	Activity
Emersons Green NHS Treatment Centre The Brooms Emersons Green Bristol BS16 7FH	Storage of Blood products
Devizes NHS Treatment Centre Marshall Road Devizes Wiltshire SN10 3UF	Storage of Blood products
Air Ambulance Wiltshire Air Ambulance Charitable Trust Outmarsh Semington Wiltshire BA14 6JX	Storage of Blood products



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>HUMAN BODY FLUIDS</p> <p>Whole Blood (EDTA)</p> <p>Plasma</p> <p>Whole Blood (EDTA)</p>	<p><b><u>Haematological examination activities for the purpose of clinical diagnosis</u></b></p> <p>Full Blood Count (FBC) Haemoglobin Total and differential white cell count (Neutrophils, Lymphocytes, Monocytes, Eosinophils and Basophils) Reticulocytes Red Blood Cells Platelet Mean Cell Volume Mean Cell Haemoglobin Mean Cell Haemoglobin concentration</p> <p>Plasma Viscosity</p> <p>Malarial Parasite detection and speciation</p> <ul style="list-style-type: none"> <li>• <i>P. falciparum</i></li> <li>• <i>P. vivax</i></li> <li>• <i>P. ovale</i></li> <li>• <i>P. malariae</i></li> <li>• <i>P. knowlesi</i></li> </ul> <p>Detection of HRP2 and PLDH for identification of <i>P. falciparum</i> and differentiation from other malarial sp.</p>	<p>Manufacturer's instructions for equipment and kits in conjunction with inhouse documented procedures</p> <p>Beckman Coulter DxH 900 Analysers HA/HA/SOP/060</p> <p>Benson Viscometer capillary viscosity HA/HA/SOP/013</p> <p>manual film preparation, Giemsa and Fields stain and light microscopy HA/HA/SOP/003</p> <p>Diasys Carestart Kit manual method HA/HA/SOP/003</p>



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HUMAN BODY FLUIDS (cont'd)	<b><u>Haematological examination activities for the purpose of clinical diagnosis</u></b> (cont'd)	Documented -in-house methods to meet the requirements of the Sickle Cell and Thalassaemia screening programme as defined in the July 2018 SCT screening: laboratory QA evidence requirements'
Venous Whole Blood: EDTA	Morphological assessment of blood films	Manual staining ClinTech May Grunwald and BDH Giemsa HA/HA/SOP/022  HA/HA/SOP/057 – Review and Authorisation of results  HA/HA/SOP/067 Winpath – Medical review  Manual examination microscopes  Digital microscopy DI-60 and CellaVision software or microscope HA/HA/SOP/056
	Glucose-6-Phosphate Dehydrogenase screen (G6PD)	Trinity Biotech qualitative G6PD screening kit manual method HA/HA/SOP/085
	Infectious Mononucleosis screen (heterophile antibody)	DIAQUICK Mononucleosis cassette pack in conjunction with in-house method HA/HA/SOP/016
Venous Whole Blood: EDTA	Haemoglobinopathies Screening for Abnormal Haemoglobins	Sebia Capillarys 3 TERA capillary zone electrophoresis HA/HA/SOP/093 HA/HA/SOP/092
	Haemoglobin S screen	Helena Biosciences Sickle Solubility kit. HA/HA/SOP/021
	Identification and quantification of normal and abnormal Haemoglobins: A, A2, F, S, D, C, E, Lepore O <sup>Arab</sup> , G, Philadelphia, other Haemoglobins with an abnormal retention time.	Iso-Electric Focussing CSL Flatbed Focussing unit HA/HA/SOP/017
	HbA1C	Sebia Capillarys 3 TERA capillary zone electrophoresis and in house method HA/HA/SOP/094 HA/HA/SOP/092



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HUMAN BODY FLUIDS (cont'd)	<b><u>Haematological examination activities for the purpose of clinical diagnosis</u></b> (cont'd)	Manufacturer's instructions for equipment and kits in conjunction with inhouse documented procedures
Urine	Detection of Urine Haemosiderin	ClinTech Perls' Iron stain manual method HA/HA/SOP/011
Bone marrow	Detection of abnormal and normal Bone Marrow morphologies and Iron stores	ClinTech May Grunwald and BDH Giemsa manual method HA/HA/SOP/022 Perls' Iron Staining manual method HA/HA/SOP/011
Citrated Plasma	Coagulation	Manufacturer's instructions for equipment and kits in conjunction with in-house documented procedures.  Werfen ACL TOP750 HA/CO/SOP/054
	Clotting screen Prothrombin Time (PT), (INR)	Prothrombin Time (PT) Assay, HA/CO/SOP/031
	Activated Partial Thromboplastin Time, (APTT)	Activated Partial Thromboplastin Time (APTT) Assay, HA/CO/SOP/032
	Thrombin time	HA/CO/SOP/032
	D-Dimer	D-Dimer Assay, HA/CO/SOP/034
	Clauss Fibrinogen	Fibrinogen (Clauss Method), HA/CO/SOP/035
	Edoxaban Apixaban Rivaroxaban Fondaparinux Arixtra	Direct Oral Anticoagulant FXa Assay, HA/CO/SOP/053
	Anti-Xa (LMWH and UFH)	



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HUMAN BODY FLUIDS (cont'd)  Venous Whole Blood: EDTA	<p><b><u>Haematological examination activities for the purpose of clinical diagnosis</u></b> (cont'd)</p> <p>Antibody screening and identification</p> <p>A B and O and detection of Anti-Sera (reverse group)</p> <p>A B and O groups and detection of Anti-Sera (reverse group) -Anti A -Anti B</p> <p>A1 typing</p> <p>Rh groups, antigens; C, c, D, E, e, K</p>	<p>Manufacturer's instructions for equipment and kits in conjunction with inhouse documented procedures</p> <p>NEO Iris Capture technology HA/BB/SOP/130 HA/BB/SOP/131 HA/BB/SOP/132</p> <p>Manual grouping HA/BB/SOP/061</p> <p>Manual A1 typing HA/BB/SOP/058</p> <p>Gel Card Rh &amp; Kell Phenotype Manual Method Grifols IAT cards HA/BB/SOP/060</p>



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HUMAN BODY FLUIDS (cont'd)	<b><u>Transfusion examination activities for the purpose of clinical diagnosis</u></b>	Manufacturer's instructions for equipment and kits in conjunction with inhouse documented procedures
Venous Whole Blood: EDTA	Blood Grouping Detection of antigens:  Kell: K, Kidd: Jk <sup>a</sup> , Jk <sup>b</sup> , Duffy: Fy <sup>a</sup> , Fy <sup>b</sup> , MNS: M, S, s	Red cell Phenotyping NEO Iris automated testing and manual interpretation HA/BB/SOP/040
Venous Whole Blood: EDTA	Antibody detection:  Detection of antibodies to:  Rh: anti-Cw, anti-C, anti-c, anti-D, anti-E, anti-e, Kell: anti-K, anti-k,  Kidd: anti-Jk <sup>a</sup> , anti-Jk <sup>b</sup> , Duffy: anti-Fy <sup>a</sup> , anti-Fy <sup>b</sup>	Automated antibody screening by NEO Iris Capture technology and manual interpretation HA/BB/SOP/130 HA/BB/SOP/131 HA/BB/SOP/132



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HUMAN BODY FLUIDS (cont'd)	<b><u>Transfusion examination activities for the purpose of clinical diagnosis</u></b> (cont'd)	Manufacturer's instructions for equipment and kits in conjunction with inhouse documented procedures
Venous Whole Blood: EDTA	Detection of antibodies to:	
	Detection of sensitised red cells (Direct Coombs Test (DAT))	Grifols Cards and manual interpretation HA/BB/SOP/059
	Detection of sensitised red cells (Direct Coombs Test (tube))	Manual IAT (Tube) HA/BB/SOP/029
	Detection of broad spectrum C3d and IgG	Grifols Cards and manual interpretation HA/BB/SOP/059
	Detection of Broad spectrum, C3d and IgG	Manual IAT (Tube) HA/BB/SOP/029
	Compatibility testing	Manual IAT Gel Card Compatibility Test HA/BB/SOP/062
	Neonatal Blood Group A B and O groups Rh groups, D antigen	Automated Neonatal grouping NEO Iris automated capture technology DAT HA/BB/SOP/063
Venous Whole Blood: EDTA	Antenatal Blood Group and antibody screen	NEO Iris Capture technology HA/BB/SOP/130 HA/BB/SOP/131 HA/BB/SOP/132
	Detection and quantification of Foetal cells	Screen and Quantification Acid Elution HA/BB/SOP/051
END		