

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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



8066

Accredited to  
ISO 15189:2012

### The North Bristol NHS Trust

Issue No: 006 Issue date: 31 October 2024

Department of Haematology &  
Blood Transfusion  
Pathology Sciences Building  
Southmead Hospital  
Westbury on Trym  
Bristol  
BS10 5NB

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Website: <http://www.nbt.nhs.uk/severnpathology>

Testing performed at the above address only

#### Laboratory locations:

Location details	Activity
<b>Address</b>	<b>Contact details:</b>
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>
	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
HUMAN BODY FLUIDS	<b><u>Haematological examination activities for the purpose of clinical diagnosis</u></b>	Manufacturer's instructions for equipment and kits in conjunction with inhouse documented procedures
Plasma	Plasma Viscosity	Benson Viscometer capillary viscosity HA/HA/SOP/013
Whole Blood (EDTA)	Malarial Parasite detection and speciation <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>	manual film preparation, Giemsa and Fields stain and light microscopy HA/HA/SOP/003
	Detection of HRP2 and PLDH for identification of <i>P. falciparum</i> and differentiation from other malarial sp.	Diasys Carestart Kit manual method HA/HA/SOP/003
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



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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 Sickie Cell and Thalassaemia screening programme as defined in the July 2018 SCT screening: laboratory QA evidence requirements'
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 Sickie 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
		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



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



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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  Antibody detection:  Rh: anti-Cw, anti-C, anti-c, anti-D, anti-E, anti-e, Kell: anti-K, anti-k, anti-Kpa, Kidd: anti-Jk <sup>a</sup> , anti-Jk <sup>b</sup> , Duffy: anti-Fy <sup>a</sup> , anti-Fy <sup>b</sup> ,	Red cell Phenotyping NEO Iris automated testing and manual interpretation HA/BB/SOP/040  Manual Antibody identification Grifols Cards and manual interpretation HA/BB/SOP/064
Venous Whole Blood: EDTA	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>  Rh: anti-Cw, anti-C, anti-c, anti-D, anti-E, anti-e, Kell: anti-K, anti-k, Kidd: anti-Jka, anti-Jkb, Duffy: anti-Fya, anti-Fyb, MNS: anti-M, anti-N, anti-S, anti-s,	Automated antibody screening by NEO Iris Capture technology and manual interpretation HA/BB/SOP/130 HA/BB/SOP/131 HA/BB/SOP/132  Manual Antibody identification Grifols Cards and manual interpretation HA/BB/SOP/064



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