


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>Accredited to ISO 15189:2022</b>	<b>The Royal Wolverhampton NHS Trust operating as Black Country Pathology Services</b>	
	<b>Issue No: 012 Issue date: 03 October 2025</b>	
	<b>Department of Haematology Pathology Centre C37 New Cross Hospital Wolverhampton Road Wolverhampton WV10 0QP United Kingdom</b>	<b>Contact: Katy New Tel: +44 (0)1902 307999 ext.88247 E-Mail: <a href="mailto:katy.new@nhs.net">katy.new@nhs.net</a> Website: <a href="http://www.royalwolverhampton.nhs.uk">www.royalwolverhampton.nhs.uk</a></b>
<b>Testing performed at the above address only</b>		

### Site Activities performed away from the main Address:

<b>Location Details:</b>	<b>Activities</b>
Maternity Fridge	Blood and blood product issue fridge
Critical Care	Blood and blood product issue fridge
Cardiac Theatre	Blood and blood product issue fridge
Nuclear Theatre	Blood and Blood product issue fridge
Emergency Department (A+E)	Blood and blood product issue fridge
Cannock Chase Hospital Brunswick Road Cannock WS11 5XY	Blood and blood product issue fridge



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#### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p><b>HUMAN BODY FLUIDS</b></p> <p>Venous whole blood: EDTA unless otherwise specified</p> <p>Whole Blood EDTA or Citrate</p>	<p><u>Haematology examination activities for the purpose of clinical diagnosis:</u></p> <p>FBC Haemoglobin Red cell count Haematocrit white blood cells (WBC) Differential WBC count Reticulocytes MCV MCH MCHC NRBC Platelets</p>	<p>Documented procedures &amp; manufacturer's instructions for Sysmex XN9100 and XN3100 track analysers with specific reference to:</p> <p>HAE/SOP/051</p>
<p>Human body fluids including ascitic and pleural fluids</p>	<p>Quantification of white blood cells</p> <p>Film reporting and WBC Diff</p>	<p>Documented procedures &amp; manufacturer's instructions for Sysmex XN9100 and XN3100 track analysers with specific reference to:</p> <p>HAE/SOP/051</p> <p>Automated preparation and May Grunwald and Giemsa staining HAE/SOP/075</p> <p>Documented procedures &amp; manufacturer's instructions for SP50 slide maker/stainer</p> <p>Manual preparation of films HAE/SOP/039 HAE/SOP/040 (Bloodfilm examination)</p> <p>Documented procedures &amp; manufacturer's instructions for digital imaging Sysmex DI60 analyser with specific reference to:</p>
<p>Films prepared as above</p>	<p>Digital scanning and review of blood films</p>	<p>HAE/SOP/055(use of DI60)</p>



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<p>HUMAN BODY FLUIDS (cont'd):</p> <p>Venous whole blood EDTA unless otherwise specified (cont'd)</p>	<p><u>Haematology examination activities for the purpose of clinical diagnosis</u> (cont'd)</p>	<p>Documented procedures &amp; manufacturer's instructions for StaRRsed InteRRliner analyser (Westergren) with specific reference to:</p>
	<p>Erythrocyte Sedimentation Rate (ESR)</p>	<p>HAE/SOP/050</p>
	<p>Erythrocyte Sedimentation Rate (ESR)</p>	<p>Alifax Roller 20PN capillary photometry (small volume method) HAE/SOP/H2</p>
		<p>Documented -in-house methods to meet the requirements of the NHS Sickle Cell and Thalassaemia Screening Programme as defined in the NHS Sickle Cell and Thalassaemia Screening Programme: laboratory quality assurance evidence requirements</p>
	<p>Qualitative and quantitative detection of haemoglobin variants A, A2 and F</p>	<p>Documented procedures &amp; manufacturer's instructions for Sebia Cap 3 capillary zone electrophoresis with specific reference to:</p> <p>High Pressure Liquid Chromatography (HPLC) using TOSOH G11 and HAE/SOP/Hb2</p>
	<p>Qualitative and quantitative confirmation of haemoglobin variants A, A2, F, S, C, D, E</p>	<p>Capillary zone electrophoresis using the Sebia Capillarys TERA and HAE/SOP/067</p>
<p>Detection of HbS solubility</p>	<p>In house documented manual method with specific reference to:</p> <p>Sickle test HAE/SOP/068</p>	
<p>Detection of heterophile antibodies for infectious mononucleosis</p>	<p>HAE/SOP/046</p>	



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HUMAN BODY FLUIDS (cont'd)  Venous whole blood: EDTA unless otherwise specified (cont'd)	<u>Haematology examination activities for the purpose of clinical diagnosis</u> (cont'd)  Detection of combined HRP2 and pLDH P falciparum antigen and pan species plasmodial antigen (P. falciparum, P. vivax, P. malariae, P. ovale)  G6PD detection	Documented procedures & manufacturer's instructions for ClearView II Immunochromatographic assay with specific reference to:  Documented procedures & manufacturer's instructions for CareUS Rapydtest Immunochromatographic assay with specific reference to  HAE/SOP/043  In house documented manual method using qualitative fluorescent detection: HAE/SOP/045
Bone Marrow Trepine	Normal and abnormal morphologies	In house documented method using manual staining and microscopy: HAE/SOP/016
Bone Marrow	Bone marrow interpretation and reporting	HAE/SOP/017
Bone Marrow	Detection of iron	HAE/SOP/016
Urine	Detection of haemosiderin	HAE/SOP/016
Serum	Quantitative determination of: Erythropoietin (EPO)	Beckman Coulter Access Immunoenzymatic method HAE/SOP/H4



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HUMAN BODY FLUIDS (cont'd)  Venous whole blood: EDTA unless otherwise specified (cont'd)  Plasma: citrated	<u>Coagulation examination activities for the purpose of clinical diagnosis</u>  Prothrombin time/INR  APTT  Clauss Fibrinogen  D Dimer  Anti-Factor Xa (LMWH assay)  Anti-Factor Xa (UFH assay)  Anti-Factor Xa (Rivaroxaban assay)  Anti Factor Xa (Apixaban assay)  (Factor Assays for Factors III, IX, XI and XII, II, V, VII and X  Factor VIII Inhibitor (Bethesda)  Lupus Anticoagulant (DRVVT and Lupus insensitive APTT)  Protein C activity  free Protein S activity  Antithrombin III activity  Coagulation Inhibitor screen	Documented procedures & manufacturer's instructions for Werfen ACL TOP 550 Analyser clot detection, latex agglutination and quantitative chromogenic assays with specific reference to:  HAE/SOP/083  HAE/SOP/081  HAE/SOP/088  HAE/SOP/087  HAE/SOP/092  HAE/SOP/092  HAE/SOP/092  HAE/SOP/092  HAE/SOP/090  HAE/SOP/019 (manual dilutions, incubations and clotting measurements)  HAE/SOP/085  HAE/SOP/085  HAE/SOP/085  HAE/SOP/085  HAE/SOP/081



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Venous whole blood: EDTA unless otherwise specified (cont'd)</p> <p>EDTA Plasma</p> <p>Whole Blood (EDTA or citrate)</p> <p>Venous blood</p>	<p><u>Coagulation examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>Quantitative determination of:</p> <p>Von Willebrand factor activity</p> <p>Von Willebrand Factor antigen</p> <p>Qualitative determination of:</p> <p>Factor V Leiden G1691A and Prothrombin (FII) G20210A gene mutations</p> <p><u>Blood Transfusion Testing for use in clinical diagnosis</u></p> <p>Blood grouping ABO Rh (D C c E e)</p> <p>Antibody detection:</p> <ul style="list-style-type: none"> <li>• Rh (C D E c e)</li> <li>• K</li> <li>• Fya</li> <li>• Fyb</li> <li>• JKa</li> <li>• JKb</li> <li>• M S s</li> </ul>	<p>Werfen ACL Acustar Chemiluminescent assay and in house method HAE/SOP/089</p> <p>HAE/SOP/089</p> <p>HAE/SOP/089</p> <p>Cepheid GeneXpert DX RT PCR HAE/SOP/C1</p> <p>Documented procedures &amp; manufacturer's instructions for Ortho Vision Swift analyser and manual techniques using Ortho cards with specific reference to:</p> <p>BT/SOP/033 (Auto) BT/SOP/010 (Manual)</p> <p>Documented procedures &amp; manufacturer's instructions for Ortho cards with specific reference to:</p> <p>BT/SOP/033 (auto) BT/SOP/011 (manual)</p>



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HUMAN BODY FLUIDS (cont'd)	<u>Blood Transfusion Testing for use in clinical diagnosis (cont'd)</u>	Documented procedures & manufacturer's instructions for Ortho Vision Swift analyser and manual techniques using Ortho cards with specific reference to:
Venous blood	Compatibility testing of patient's plasma with donor cells	BT/SOP/012 (manual) BT/SOP/013 (auto)
	Direct antiglobulin test (DAT)	BT/SOP/033 (auto) BT/SOP/011 (manual)
	HDN investigation	BT/SOP/033 (auto) BT/SOP/010 and 011 (manual)
	Genotype. RC phenotype <ul style="list-style-type: none"> <li>• Rh (D C c E e)</li> <li>• K</li> </ul>	BT/SOP/033 (auto) BT/SOP/011 (manual)
	Antibody investigation: <ul style="list-style-type: none"> <li>• Rh (C D E c e)</li> <li>• K</li> <li>• Fya</li> <li>• Fyb</li> <li>• JKa</li> <li>• JKb</li> <li>• M S s</li> </ul>	BT/SOP/033 (auto) BT/SOP/011(manual)
Venous Blood	Detection of fetomaternal haemorrhage (FMH)	Kleihauer manual staining technique using Guest Medical kit and manual microscopy BT/SOP/014
END		