


Schedule of Accreditation

Issued by

United Kingdom Accreditation Service

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

 8907 Accredited to ISO 15189:2022	Worcestershire Acute Hospitals NHS Trust	
	Issue No: 011 Issue date: 28 March 2025	
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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
Address Haematology and Blood Transfusion Worcestershire Royal Hospital Charles Hastings Way Worcester WR5 1DD	Local contact Bev Byfield-Jones Tel: 01905 760638	Haematology Coagulation Blood Transfusion Blood issue fridge
Address Alexandra Hospital Woodrow Drive Redditch B98 7UB	Local contact Bev Byfield-Jones Tel: 01527 42082	Haematology Coagulation Blood Transfusion Blood 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	Location Code
HUMAN BODY FLUIDS	<u>Haematology examination activities for the purpose of clinical diagnosis</u>	Manufacturer's instructions and documented In-house methods using:	
EDTA Whole Blood	Full blood count analysis for: Haematocrit (HCT) Mean cell haemoglobin (MCH) Mean cell haemoglobin conc. (MCHC) Mean cell volume (MCV) Nucleated red blood cells Platelets Red blood cell count Red cell distribution width Reticulocytes Total White blood cell count White Blood Cell Differential (to include absolute count & percentage of total): Neutrophils Lymphocytes Monocytes Eosinophils Basophils	Beckman Coulter DxH 900 analyser (A&B) to: LP-U-HAE-Full Blood Count Analysis Using the Beckman Coulter DxH900	A B
EDTA Whole Blood	Microscopic analysis of peripheral blood for confirmation of automated full blood count and detection of cell abnormalities	Beckman Coulter DxH slide maker stainer/ Hematek 3000 Stainer Leica DM2500 Microscope for thick and thin films to: LP-U-HAE-HematekSlideStainer LP-U-BS-Slidemaker stainer LP-U-HAE-Blood Film Preparation & Examination Documented -in-house methods to meet the requirements of the SCT screening programme as defined in the current version of 'Sickle cell and thalassaemia screening: laboratory QA evidence requirements':	A B
EDTA Whole Blood	Detection of Haemoglobin S (HbS)	Streck test kit for Haemoglobin S to: LP-U-HAE-Sickle cell screening for Hb S	A



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HUMAN BODY FLUIDS (cont'd):	<u>Haematology examination activities for the purpose of clinical diagnosis (cont'd):</u>	Manufacturer's instructions and documented In-house methods using:	
EDTA Whole Blood	Detection of Abnormal Haemoglobins & Thalassaemia by quantitation of Haemoglobin variants: HbA2, HbF, HbS, HbD & HbE	Sebia Capillars 3 analyser to: LP-W-HAE-Screening Antenatal Requests	A
EDTA Plasma	Detection of Infectious Mononucleosis Heterophile Antibodies	Inverness Medical Clearview IM kit to: LP-U-HAE-Infectious Mononucleosis Screening	A B
Bone Marrow Aspirate	Morphological analysis of bone marrow preparations	Stainmate (Raymond Lamb) Beckman Coulter DxH slide maker stainer to: LP-U-HAE-Manual Blood Film and Bone Marrow staining LP-U-BS-Slidemaker stainer	A B
EDTA Whole Blood	Differential diagnosis of Plasmodium species	Beckman Coulter DxH slide maker stainer / Hematek 2000 Stainer / Hematek 3000 Stainer Leica DM2500 Microscope to: LP-U-HAE-Malaria staining and screening	A B
EDTA Whole Blood	Qualitative Analysis of Glucose – 6-Phosphate Dehydrogenase Enzyme Activity	Trinity Biotech to: LP-W-HAE-G6PD Screening test	A
EDTA Whole Blood	Determination of Erythrocyte Sedimentation Rate (ESR)	Alifax test 1 analyser to: LP-U-HAE-Alifax Automated Determination of The Erythrocyte Sedimentation Rate (ESR)	A B



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HUMAN BODY FLUIDS (cont'd):	<u>Coagulation examination activities for the purpose of clinical diagnosis (cont'd):</u>	Manufacturer's instructions and documented In-house methods using (cont'd):	
Citrated blood plasma	Prothrombin Time (PT) Activated Partial Thromboplastin Time (APPT)	Coagulometer (WRH) ACL TOP 350 (Alex) & ACL TOP 550 (WRH) LP-U-HAE-ProthrombinTime-ACL TOP LP-U-HAE-ACL TOP procedure for APTT LP-U-HAE-Estimation of Fibrinogen Procedure LP-U-HAE-COAG-Maintenance and IQC of the ACL TOP Analyser	A B
Citrated blood plasma	D-Dimer Clauss Fibrinogen Estimation (Manual)	ACL TOP 350 (Alex) & ACL TOP 550 (WRH) LP-U-HAE ACL TOP HS500 D-DIMER LP-U-HAE COAG-MAINTENANCE AND IQC OF THE ACL TOP ANALYSER	A B
Citrated blood plasma	Factor Assay: Quantification of Factors V, VII, VIII, IX, X, XI & XII	ACL TOP 550 (WRH) LP-U-HAE One Stage Factor Assay	A
Citrated blood plasma	Lupus Anticoagulant Screening using DRVVT	ACL TOP 550 (WRH) LP-W-HAE Lupus Anticoagulant Screening	A
Citrated blood plasma	Activated Protein C Resistance Testing using Factor V Reagent	ACL TOP 550 (WRH) LP-W-HAE APC Resistance	A
Citrated blood plasma	Thrombophilia Screen: Measurement of Protein C, Protein S and Antithrombin levels	Chromogenic and immunological Assays ACL TOP 550 (WRH) LP-W-HAE-Thrombophilia Screening procedure	A
Citrated blood plasma	Factor XIII Antigen quantification	Immunoassay for Quantification ACL TOP 550 (WRH) LP-W-HAE Factor XIII Screening	A
Citrated blood plasma	Von Willebrand Screen using Factor Antigen Analysis and Ristocetin Cofactor Activity	Immunoturbidimetric assay ACL TOP 550 (WRH) LP-W-HAE Von Willebrand Factor Antigen LP-W-HAE Von Willebrand Ristocetin Cofactor	A
Blood	Factor V Leiden and Prothrombin Variant (Factor II analysis)	Cepheid GeneXpert, using real time PCR LP-W-HAE GeneXpert FVL & PTV Analysis	



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HUMAN BODY FLUIDS (cont'd):	<u>Transfusion examination activities for the purpose of clinical diagnosis</u>	Manufacturer's instructions and documented In-house methods using (cont'd):	
EDTA Blood Whole	Blood grouping by detection of A, B & D antigens on red blood cells. Antenatal grouping (A) by detection of A, B & D antigens on red blood cells.	Ortho BioVue ABO Rh-D Combocassettes (Column Agglutination) to: LP-U-TRA- Procedure for using the automated blood group analyser LP-U-TRA -Antenatal Testing in Blood Transfusion	A B
EDTA Blood Whole	Blood grouping by detection of A, B & D antigens on red blood cells	Ortho Biovue cassettes (manual techniques) to LP-U-TRA Manual Testing in Blood Transfusion	A B
EDTA Blood Whole	Crossmatching – Serological Compatibility Testing	Ortho Biovue technology (manual and automated) to LP-U-TRA Selection and Routine Crossmatching of Red Cells	A B
EDTA Blood Whole	Detection of specific clinically significant red cell antibodies in patient plasma: Anti-D, C,c,E,e,CW, K, k, Fya, Fyb, Jka, Jkb, Lea, Leb, M, N, S, s, Lua & Lub.	Ortho BioVue Anti-IgG cassettes (Column Agglutination) to: LP-U-TRA- Procedure for using the automated blood group analyser LP-U-TRA -Antenatal Testing in Blood Transfusion Ortho Biovue cassettes (manual techniques) to LP-U-TRA Manual Testing in Blood Transfusion	A B
EDTA Blood Whole	Phenotyping of red cell antigens: presence or absence of D, C, E, c, e, K, Fya, Fyb, Jka, Jkb, M, N, S, s antigens on red blood cells	Ortho Biovue cassettes (column agglutination technology) to LP-U-TRA procedure for Phenotyping	A B
EDTA Blood Whole	Direct Antiglobulin Test	Ortho Biovue cassettes (automated) to LP-U-TRA Procedure for using the Automated Blood Group Analyser	A B



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HUMAN BODY FLUIDS (cont'd):	Transfusion examination activities for the purpose of clinical diagnosis	Manufacturer's instructions and documented In-house methods using (cont'd):	
EDTA Cord Blood	Neonatal Group & Direct Coombs: Presence or absence of A, B & D antigens on red blood cells. Detection of cell-bound IgG antibody.	Ortho BioVue cassettes (Column Agglutination) to: LP-U-TRA- Procedure for using the automated blood group analyser	A B
EDTA whole Blood	Kleihauer Test-for foetal/maternal bleed estimation	Acid elution test and semi quantitative screen for fetal cells using Guest Medical Kit LP-U-TRA Kleihauer Test and issuing of Anti-D immunoglobulin	A

END