

Schedule of Accreditation

Issued by

United Kingdom Accreditation Service

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

 UKAS MEDICAL 8907 Accredited to ISO 15189:2012	Worcestershire Acute Hospitals NHS Trust	
	Issue No: 005 Issue date: 24 October 2019	
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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 A
Address Alexandra Hospital Woodrow Drive Redditch B98 7UB	Local contact Bev Byfield-Jones Tel: 01527 42082	Haematology Coagulation Blood Transfusion Blood issue fridge B



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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 800 analyser (A&B) to: LP-U-HAE-Full Blood Count Analysis Using the Beckman Coulter DxH800	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 2000 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)	Clintech 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	TOSOH G8 HPLC analyser to: LP-W-HAE.CHM-TOSOH 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	Detection of Plasmodium species	Apacor Carestart Malaria – Rapydtest to: LP-U-HAE-Malaria staining and screening	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 and Fields stain 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) Derived Fibrinogen	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)	KC4 Coagulometer (WRH) 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 KC4 Delta Coagulometer to: LP-W-HAE-Fibrinogen LP-W-HAE-KC4 Delta Coagulometer	A B
Citrated Blood Plasma (platelet poor)	Von Willebrand factor antigen	Sigma Elisa Plate Reader Technoclone CBA Assay kit to: LP-W-HAE-Collagen Binding Assay LP-W-HAE-Sigma Plate Reader LP-W-HAE-Von Willebrands Factor Antigen	A



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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 Whole Blood	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- AutoVue Blood Grouping Analyser LP-U-TRA -Antenatal Testing in Blood Transfusion	A B
EDTA Whole Blood	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- AutoVue Blood Grouping Analyser LP-U-TRA -Antenatal Testing in Blood Transfusion	A B
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- AutoVue Blood Grouping Analyser	A B
EDTA whole Blood	Kleihauer Test-for foetal/maternal bleed estimation	Manual light microscopy using ClinTech Kit LP-U-TRA Kleihauer Test and issue of Anti-D immunoglobulin	A
END			