


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL</p> <p>9072</p> <p>Accredited to ISO 15189:2012</p>	<p>Manchester University NHS Foundation Trust</p> <p>Issue No: 003 Issue date: 26 May 2020</p>	
	<p>Department of Haematology Wythenshaw Hospital Southmoor Road Manchester M23 9LT</p>	<p>Contact: Gareth Davies Tel: +44 (0)161 291 4719 Fax: +44 (0)161 291 2130 E-Mail: Gareth.Davies@mft.nhs.uk Website: www.mft.nhs.uk</p>
<p>Testing performed at the above address only</p>		

Location details	Activity
<p>Address Maternity Wythenshaw Hospital Southmoor Road Manchester M23 9LT</p> <p>Local contact Margaret Evans Margaret.Evans@mft.nhs.uk</p>	<p>Blood storage & issue only. Management of Maternity fridge.</p>
<p>Address Accident & Emergency Wythenshaw Hospital Southmoor Road Manchester M23 9LT</p> <p>Local contact Margaret Evans Margaret.Evans@mft.nhs.uk</p>	<p>Blood storage & issue only. Management of Accident & Emergency fridge.</p>
<p>Address Cardiothoracic theatres Wythenshaw Hospital Southmoor Road Manchester M23 9LT</p> <p>Local contact Margaret Evans Margaret.Evans@mft.nhs.uk</p>	<p>Blood storage & issue only. Management of Cardiothoracic fridge.</p>
<p>Address Main theatres Wythenshaw Hospital Southmoor Road Manchester M23 9LT</p> <p>Local contact Margaret Evans Margaret.Evans@mft.nhs.uk</p>	<p>Blood storage & issue only. Management of Main theatres fridge.</p>
<p>Address Acute theatres Wythenshaw Hospital Southmoor Road Manchester M23 9LT</p> <p>Local contact Margaret Evans Margaret.Evans@mft.nhs.uk</p>	<p>Blood storage & issue only. Management of Acute theatre fridge.</p>



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Location details	Activity
<p>Address Acute ICU Wythenshawe Hospital Southmoor Road Manchester M23 9LT</p> <p>Local contact Margaret Evans Margaret.Evans@mft.nhs.uk</p>	<p>Blood storage & issue only. Management of Acute ICU fridge.</p>
<p>Address Treatment and Diagnostics Centre Southmoor Road Manchester M23 9LT</p> <p>Local contact Margaret Evans Margaret.Evans@mft.nhs.uk</p>	<p>Blood storage & issue only. Management of Treatment and Diagnostics Centre fridge.</p>



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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	<u>Blood Transfusion examination activities for the purpose of clinical diagnosis</u>	Manufacturer's instructions and documented In-house methods using:
Whole Blood: EDTA samples	Blood Group by detection and identification of antigens: A Rh D Positive AB Rh D Positive B Rh D Positive O Rh D Positive A Rh Negative AB Rh D Negative B RhD Negative O Rh D Negative	Column Agglutination using Ortho Vision using: BB-S-171: OrthoVision sample processing: Agglutination using manual tubemethods: BB-S-11: Manual Grouping Methods BB-S-9: Manual Blood Group Control and Manual cross match control
Whole Blood: EDTA samples	Crossmatch	Column Agglutination using Ortho Vision BB-S-19 or manual method using Gel card agglutination. BB-S-4
Whole Blood :EDTA Plasma	Atypical antibody screen and red blood cell phenotyping by detection of antibodies to: Rh: C, D, E, c, e, f, Cw and V. Kell: K, k, Kp(a), Kp(b), Js(a) and Js(b). Duffy: Fy(a) and Fy(b). Kidd: JK(a) and Jk(b). Sex Linked: Xg(a). Lewis: Le(a) and Le(b). MNS: S, s, M and N P: P1 Lutheran: Lu(a) and Lu(b).	Column Agglutination using Ortho Vision using: BB-S-171 Ortho Vision Sample processing Column Agglutination technology using Ortho Vision autoamted techniques methods using : BB-S-20 Manual Bio Vue methods using : BB-S-5: BioVue Untreated Cell Panel and Ficin Treated Cell Panel BioRad LISS/Coombs method using: BB-S-3: NHSBT Cell panel



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HUMAN BODY FLUIDS	<u>Blood Transfusion examination activities for the purpose of clinical diagnosis</u>	Manufacturer's instructions and documented In-house methods using:
EDTA Plasma	Four Cell Anti-D Screening Test	Manual Column Agglutination technology using OrthoVision and BioVue methods: BB-S-7: Investigation of RhD Negative Women with a Positive Antibody Screen Following Administration of Anti-D Prophylaxis.
EDTA Whole Blood	Direct anti-globulin test	Automated Column agglutination using Ortho Vision analyser using: BB-S-7: Direct Antiglobulin Test (DAT)
EDTA Whole Blood	Foetal Maternal Haemorrhage	Kleihauer - Shepard's Stain Kit using acid elution staining technique. BB-S-1: Mother and Cord Testing. BB-S-2: Estimation of Foeto-Maternal Haemorrhage
	<u>Haemoglobinopathy examinations for the purpose of clinical diagnosis</u>	Manufacturer's instructions and documented In-house methods using: Documented in-house methods to meet the requirements of the Sickle cell and Thalassaemia screening programme, as defined in the as defined in the July 2018 Sickle cell and Thalassaemia screening programme: laboratory QA evidence requirements.
EDTA Whole Blood	Adult Haemoglobinopathy analysis (including Antenatal) by detection of haemoglobin variants: HbA2 HbF HbS	Biorad variant II HPLC system using catatonically charged silica gel using: SOP-HA-S-24
EDTA Whole Blood	Sickle cell solubility	Streck SICKLEDEX kit SOP-HA-S-43



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HUMAN BODY FLUIDS	<u>Haematological examinations for the purpose of clinical diagnosis</u>	Manufacturer's instructions and documented In-house methods using:
EDTA Whole Blood	Full Blood Count (FBC) analysis of the following parameters: WBC RBC HGB HCT MCV MCH MCHC RDW-CV PLT NEUT LYMPH MONO EOS BASO Nucleated red blood cell (NRBC) count Reticulocytes	Sysmex XN 9000 and XSi analysers, cytometry semiconductor laser: RBC,HCT,MCH,MCHC,RDW-CV, and Plt count measured through Hydrodynamic focussing DC detection. HGB is measured through SLS Cyanide-free HB method. WBC and WBC Differential measured using fluorescence flow cytometry SOP-HA-S-17 SOP-HA-S-20 SOP-HA-S-18 SOP-HA-S-22 SOP-HA-S-21 Sysmex XN 9000 and XSi analysers, cytometry semiconductor laser SOP-HA-S-17
EDTA Whole Blood	Erythrocyte Sedimentation Rate (ESR)	StaRRsed inversa using Wgren method SOP-HA-S-2
EDTA Plasma	Plasma Viscosity	Benson Viscometers, capillary method Haem SOP-HA-S-26
EDTA Whole Blood	G6PD	Trinity Biotech kit deficiency screening testing using conversion of NADP to NADPH SOP-HA-S-23



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Plasma Serum	Detection of Infectious mononucleosis heterophile antibodies	Accusay MONO kit using solid phase immunoassay SOP-HA-S-28
EDTA Whole Blood	Malarial screening for: <i>Plasmodium falciparum</i> and pan-detection for: <i>Plasmodium malariae</i> <i>Plasmodium ovale</i> <i>Plasmodium vivax</i> <i>Plasmodium knowlesi</i>	Thick and thin films Giemsa and Fields stains with manual microscopy. HA-S-7 Humasis Malaria kit using immunochromatographic assay HA-S-1
Whole blood in EDTA	Identification of normal and abnormal morphologies including WBC differential count	Sysmex SP10 SOP-HA-S-16 SOP-HA-S-48 SOP HA-I-26 Slides stained with a May Grunewald Giemsa Stain
Plasma (sodium citrate)	<u>Coagulation examination activities for the purpose of clinical diagnosis</u> Blood coagulation Prothrombin time Activated partial Thromboplastin time Fibrinogen Thrombin time D-dimer Factors: ,VIII,IX,X,XI, Antithrombin	Manufacturer's instructions and documented In-house methods using: IL TOP 500 analyser using turbidimetric measurements SOP-CO-I-21 SOP-CO-S-25 Latex agglutination SOP-CO-S-10 SOP-CO-S-46 IL TOP 500 analyser using chromogenic absorbance measurements SOP-CO-S-50



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HUMAN BODY FLUIDS	<u>Coagulation examination activities for the purpose of clinical diagnosis</u> Protein S Protein C Anti Xa levels Lupus anticoagulant Von Willebrands factor antigen Collagen Binding for Von Willebrands Activity	Manufacturer's instructions and documented In-house methods using: SOP-CO-S-52 SOP-CO-S-51 SOP-CO-S-15 SOP-C-S-48 SOP-CO-S-14 Manual Enzyme linked Immunosorbent assay (ELISA) using plate reader SOP-CO-S-85
END		