


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>Accredited to ISO 15189:2012</p>	East Sussex Healthcare NHS Trust	
	Issue No: 006 Issue date: 27 June 2023	
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Testing performed at the above address only		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>Haematology examination activities for the purposes of clinical diagnosis</u> <u>Haematology</u>	Documented in-house methods based on manufacturer's operating instructions, where relevant, to support clinical diagnosis
EDTA Whole Blood	Full blood counts and automated differential: Haemoglobin (Hb) Total white cell count (WBC) Red cell count (RBC) Platelet count (PLT) MCV MCH MCHC Nucleated Red Cell Count (NRBC) Neutrophil count Lymphocyte count Monocyte count Eosinophil count Haematocrit (HCT) Red Cell Distribution Width (RDW) Reticulocyte Count (RET)	Sysmex XN2000 and XN1000 analyser. SLS-HGB method-Absorbance at 555nm, Fluorescence flow cytometry, Hydrodynamic focussing DC detection (impedance method), and calculated red cell parameters HAJ-184
EDTA Whole Blood	Erythrocyte Sedimentation Rate (ESR)	StarrSed Autocompact Blood Sedimentation Instrument based on Westergren method. HAJ-100
EDTA Whole Blood	Examination of Peripheral blood film, detection of normal and abnormal morphologies, white blood cell differential	Manual Thin film slide preparation and automated staining with Wright's stain using Siemens Hematek 3and examination by light microscopy HAJ-170, HAJ176



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HUMAN BODY FLUIDS (cont'd)	<u>Haematology examination activities for the purposes of clinical diagnosis</u> (cont'd)	Documented in-house methods
Bone Marrow aspirate	Examination of bone marrow films, detection of normal and abnormal morphology	Automated Wrights using Siemens Hematek 3 & Manual staining with Giemsa stains and examination by light microscopy. HAJ-188, HAJ-SOP-15
Bone Marrow aspirate	Examination of Bone Marrow Films for assessment of iron storage	Manual staining Perls' stain and examination by light microscopy. HAJ-188, HAJ-SOP-15
EDTA Whole Blood	Detection of Malarial antigens of: P. falciparum Pan-detection for P. falciparum, P. malariae, P. ovale & P. vivax	CareStart™ Malaria HRP2/pLDH Combo Immunoassay HAJ-156
EDTA Whole Blood	Thin blood Film detection and identification of malarial parasites P. falciparum, P. vivax, P. ovale, P. malariae and P. knowlesi	Thin film slide preparation and manual staining with Giemsa stain and examination by light microscopy HAJ-156
EDTA Whole Blood	Thick blood Film detection of malarial parasites (P. falciparum, P. vivax, P. ovale, P. malariae and P. knowlesi)	Thick film slide preparation and manual staining with Field's A&B stain and examination by light microscopy HAJ-156
EDTA Whole Blood	Infectious Mononucleosis (Paul Bunnell/ PB): qualitative detection of heterophile antibodies	Clearview IM II Test card using mobilised/immobilised bovine erythrocyte glycoprotein. HAJ-161



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Citrated plasma</p>	<p><u>Haematology examination activities for the purposes of clinical diagnosis</u> (cont'd)</p> <p>Coagulation</p> <p>Prothrombin Time (PT)</p> <p>INR</p> <p>Activated Partial Thromboplastin Time (APTT)</p> <p>Fibrinogen (FIB)</p> <p>D-dimer (DD)</p> <p>Anti-Xa assay</p>	<p>Documented in-house methods</p> <p>Sysmex CS2500 using in house documented procedures based on standard methods and incorporating manufacturers' instructions as relevant:</p> <p>Sysmex clotting detection method – change in optical density of sample/reagent mixture over time. INR HAJ-198</p> <p>Calculated from mean normal PT and ISI value. HAJ-198</p> <p>Sysmex clotting detection method – change in optical density of sample/reagent mixture over time. HAJ-199</p> <p>Sysmex clotting detection method – change in optical density of sample/reagent mixture over time. Result calculated from reference curve. HAJ-200</p> <p>Immuno-turbidometric assay using reagents containing monoclonal antibody specific to D-dimer. Result calculated from reference curve. HAJ-201</p> <p>Chromogenic assay on Sysmex CS2500 for level of anti-Xa activity in patients undergoing LMW Heparin therapy. HAJ-SOP-21</p>



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HUMAN BODY FLUIDS (cont'd)	<u>Blood Transfusion examination activities for the purpose of clinical diagnosis</u>	Documented in-house procedures based on manufacturers' instructions
Blood (whole)	Sickle Solubility test	Streck Sickledex Reduced HbS solubility HAJ-162
EDTA Whole Blood	<u>Blood Transfusion</u> Blood Grouping: <ul style="list-style-type: none"> • ABO blood groups • Rh D antigen: 	<u>Automated method</u> Using Ortho cassettes and using Ortho Vision analyser BTJ-SOP- 25 & BTJ-SOP-22 <u>Manual method</u> Using Ortho cassettes and centrifugation BTJ-SOP-25 & BTJ-SOP-22
EDTA Whole Blood	Red cell phenotyping: D,C,E,c,e,Cw,K,k,Fya,Fyb, Jka,Jkb,Lea,Leb,P1,M,N,S,s, Lua, Lub Jka, Jkb, N	<u>Manual method</u> Using Ortho cassettes and centrifugation BTJ-SOP-14 <u>Manual method</u> Using tube agglutination and Lorne reagents BTJ-SOP-14
EDTA Whole Blood	Red cell antibody detection: Anti- D,C,E,c,e,Cw,K,k,Fya,Fyb, Jka,Jkb,Kpa,Kpb,Lea,Leb,P1,M,N, S,s, Lua, Lub	<u>Automated method</u> Using Ortho cassettes and using Ortho Vision analyser BTJ-SOP- 25 & BTJ-SOP-22 <u>Manual method</u> Using Ortho cassettes and centrifugation BTJ-SOP-25 & BTJ-SOP-22
EDTA Whole Blood	Direct Antiglobulin Test (DAT)	<u>Automated method</u> Using Ortho cassettes and using Ortho Vision analyser BTJ-SOP- 23 <u>Manual method</u> Using Ortho cassettes and centrifugation BTJ-SOP-23



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HUMAN BODY FLUIDS (cont'd)	<u>Blood Transfusion examination activities for the purpose of clinical diagnosis</u> (cont'd)	Documented in-house methods
Blood (whole)	Compatibility Testing: Serological Crossmatch- serological compatibility test between donor red cell antigens and patient plasma	<u>Automated Method</u> Documented in-house procedures based on Ortho manufacturer's instructions for glass bead column technology and Ortho Vision analyser BTJ-SOP-26 <u>Manual Method</u> Documented in-house procedures based on Ortho manufacturer's instructions for glass bead column technology and centrifugation. <u>Manual method</u> Using tube and centrifugation SOP BTE-13 BTJ-SOP-26
Blood (whole)	Detection and estimation of Foetal Maternal Haemorrhage (Kleihauer test)	Clini-tech Foetal Cell Detection Kit. Acid elution and microscopic examination. BTJ-112
END		