


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL 8815</p> <p>Accredited to ISO 15189:2022</p>	<p>NHS Fife</p> <p>Issue No: 011 Issue date: 14 November 2025</p>	
	<p>Department of Blood Sciences South Laboratory Victoria Hospital KIRKCALDY FIFE KY2 5AH</p>	<p>Contact: Sarah Dack Tel: +44 (0) 1592 2648055 Email: sarah.dack@nhs.scot</p>
<p>Testing performed by the Organisation at the locations specified below</p>		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
<p>Address Department of Blood Sciences South Laboratory Victoria Hospital KIRKCALDY FIFE KY2 5AH</p> <p>Local contact Sarah Dack Tel: 01592 2648055 Email: sarah.dack@nhs.scot</p>	<p>Routine Haematology and Coagulation Blood Transfusion Routine Biochemistry Toxicology Proteins</p>	A

Site activities performed away from the locations listed above:

Location details	Activity
Blood Fridges QMH Blood Issue Room	Blood Storage Only
Blood Fridge VHK, Theatres 1	Blood Storage Only



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUE	Chemistry examination activities for the purpose of clinical diagnosis	In house methods using manufacturer's instructions	
Serum/Urine	AKI Albumin/Creatinine Ratio LDL Cholesterol eGFR Adjusted/corrected Calcium Protein/Creatinine Ratio Transferrin Saturation Free Androgen Index Calculated Free Testosterone Adjusted Phenytoin Monomeric Prolactin	In house methods using Roche Cobas 8000 By calculation By calculation By Friedwald Calculation By MDRD Calculation By calculation By calculation By calculation By calculation By calculation By calculation By calculation	A
Serum /Plasma/Urine/Fluid	Sodium Potassium Chloride	In house methods using Roche Cobas 8000. Detected by Ion selective electrode (ISE). SOP series BSCORE33,34,35	
	Albumin/Microalbumin Calcium Creatinine Magnesium Phosphate (inorganic) Urea Uric Acid/Urate pH Protein		
CSF	Glucose Protein Lactate		



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Serum	Monoclonal Protein Screen	Sebia Capillarys 3 Capillary Zonal Electrophoresis BSSPEC10- 14	A
Serum	Monoclonal protein immunotyping	Sebia Capillarys 3 Immunofixation	A
Urine	Detection of monoclonal bands	Sebia Hydrasys 2 Agarose Gel Zonal Electrophoresis BSSPEC10, - 14	A
Urine	Monoclonal Protein Screen	Sebia Hydrasys 2 Immunofixation	A
Serum/Plasma	Cryoproteins/Cryoglobulins	By Differential temperature sedimentation/precipitation; Capillarys 2 capillary zone electrophoresis; SOP BSSPEC23, 12, 13 and 14	A
	<u>Toxicology</u>		
Urine	Amphetamine Buprenorphine Cannabis (THC) Cocaine Methadone Metabolite (EDDP) Opiates	Roche Cobas 8000- Measurement by kinetic interaction of microparticles in solution (KIMS). SOP-BSCORE 33,34,35.	A
Urine	Opiate and amphetamine drug screen confirmations	Thermo ISQ LT Mass Spec Gas Chromatograph/mass spectroscopy (GCMS). SOP- BSSPEC 4,6,7.	A
Serum/Plasma	Anti-TTG	Diason Liaison XL-By CLIA BSCORE 92	A
Serum	B12, Folate & Ferritin	Roche Cobas 8000 - Immunoassay BSCORE34 BSCORE65	A



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HUMAN BODY FLUIDS	<u>Blood Transfusion examination activities for the purpose of clinical diagnosis</u>	Documented In-house methods using:	
Venous Blood	Estimation of Foetal cells	Kleihauer test using Guest Medical kit by Acid Elution SOP : BSTRAN4 (Kleihauer SOP) BSTRAN5 (Kleihauer Laboratory Instructions)	A
	Blood Grouping <ul style="list-style-type: none"> • A B O • Rhesus: C, c, D, E, e, K 	Grifols Erytra Eflexis SOP BSTRAN210 Rh-subgroup phenotyping cards SOP: BSTRAN210 (Automated Blood Bank Testing SOP)	A
	Antibody Detection	4 cell panels, 11 cell panels, 15 cell extended cell panel and NHSBT panel. BSTRAN210 Automated Testing SOP BSTRAN140 (Antibody ID and Referral Lab Instruction)	A
	Blood Grouping <ul style="list-style-type: none"> • A B O • K • Fya, Fyb • Jka, Jkb • Kpa • Lea, Leb • Lua • M, N, S, s 	Grifols Erytra Eflexis SOP BSTRAN210 BSTRAN214 Grifols Manual group and screen lab instruction and BSTRAN230 Manual Grifols Antibody Investigation Lab Instructions Grifols Erytra Eflexis SOP BSTRAN210	A



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<p>HUMAN BODY FLUIDS</p> <p>Venous Blood</p> <p>Venous Blood</p>	<p><u>Blood Transfusion examination activities for the purpose of clinical diagnosis</u></p> <p>Compatibility testing of patients plasma with donor cells</p> <p>Direct Anti-Human Globulin</p>	<p>Documented In-house methods using:</p> <p>Grifols Erytra Eflexis SOP BSTRAN210 BSTRAN221 Eflexis automated cross match lab instructions</p> <p>Grifols Erytra Eflexis SOP BSTRAN210 BSTRAN225 Manual cross match testing lab instructions</p> <p>Sample processing pathway- manual techniques SOP: BSTRAN224 Blood Transfusion manual testing SOP</p> <p>Grifols Erytra Eflexis SOP BSTRAN210</p> <p>BSTRAN224 Blood Transfusion manual testing SOP</p> <p>Direct anti globulin test including manual techniques BSTRAN224 Blood Transfusion manual testing SOP.</p>	<p>A</p> <p>A</p>



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HUMAN BODY FLUIDS	<u>Haematology examination activities for the purpose of clinical diagnosis</u>	Documented In-house methods using:	
Venous Blood: Citrated	Blood Coagulation <ul style="list-style-type: none"> • Prothrombin time <ul style="list-style-type: none"> ○ INR • Factors assays (VII,VIII & IX) • Activated Partial Thromboplastin Time • Thrombin Time • Fibrinogen estimation <ul style="list-style-type: none"> ○ Clauss • D-Dimers • Anti Xa 	Sysmex CS 5100 Turbidimetric method Clot detection by optical rate of change of absorbance end point being the maximum rate of change SOPs BSCORE 3 BSSPEC26 Latex Chromogenic	A
	ESR	Visual detection of sedimentation interface by automated photometric detection (Starrsed ST) SOP: BSCORE8	A
Venous whole blood: EDTA	FBC <ul style="list-style-type: none"> • Haemoglobin estimation • Red cell and platelet counts • Haematocrit • Differential white cell count • Reticulocyte • • MCV • MCH • MCHC 	Sysmex XN 10 series Haematology Analysers SOP: BSCORE1 Colorimetric Laser light scatter Calculated parameter from Haemoglobin and RBC Laser and light scatter and light absorbance Laser light scatter and absorbance Calculated parameters Calculated parameters Calculated parameters	A



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HUMAN BODY FLUIDS Venous whole blood: EDTA	<p><u>Haematology examination activities for the purpose of clinical diagnosis</u></p> <p>Identification of normal and abnormal morphologies including WBC differential count</p> <p>Malaria Parasite detection</p> <ul style="list-style-type: none"> • <i>P. falciparum</i> • <i>P. vivax</i> • <i>P. ovale</i> • <i>P. malariae</i> • <i>P. knowlesi</i> <p>Plasmodium falciparum parasitaemia</p>	<p>Documented In-house methods using:</p> <p>Staining by SP10 – May Grunwald Giemsa stain – examined by microscopy SOP: BSCORE64</p> <p>Antigen testing with Humasis kit by Immunochromatographic interface and Thick film – Clintek Field Stain Thin Film – Giemsa pH7.2 stain Examined by microscopy</p> <p>SOP Malarial Parasites Thin Film – Giemsa pH7.2 stain. Enumeration by microscopy SOP: BSCORE16</p>	A



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HUMAN BODY FLUIDS	<u>Haematology examination activities for the purpose of clinical diagnosis</u>	Documented In-house methods using:	
Bone Marrow	Reporting of normal and abnormal morphologies	SP10 – May Grunwald Giemsa stain – examined by microscopy SOP: BSCORE64 Perl's Iron Stain staining – Examined by microscopy. SOP: BSSPEC28	A
Venous whole blood: EDTA	Haemoglobin S	Detection of decreased solubility of Haemoglobin S with Streck Sickledex SOP: BSSPEC20	A
Venous whole blood: EDTA	Infectious Mononucleosis screen (EBV) antibody	Clearview 11 Card Qualitative Immunoassay agglutination interpreted by visual inspection. SOP: BSSPEC27	A
Venous whole blood: EDTA	G6PD screen	Trinity Biotech- visual fluorescence SOP: BSSPEC25	A
Venous whole blood: EDTA	Haemoglobinopathy Screening o HbA2 o HbF o HbA	TOSOH G11 by HPLC SOP: BSSPEC24 And BSCORE 21	A
Whole blood	HbA1C	TOSOH G11 by HPLC SOP- BSCORE62.	
Venous whole blood: EDTA	Plasma Viscosity	Benson Viscometer SOP: BSCORE13	A

END