


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>Accredited to ISO 15189:2022</p>	St George's University Hospitals NHS Foundation Trust	
	Issue No: 014 Issue date: 12 February 2026	
	SWLP Department of Blood Sciences Epsom and St Helier University Hospitals St Helier Hospital Wrythe Lane Surrey SM5 1AA	Contact: Pinika Patel Tel: +44 (0)2082962798 E-Mail: pinika.patel@nhs.net
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 Department of Blood Sciences St Helier Hospital Wrythe Lane Carshalton SM5 1AA	Local contact Pinika Patel	<ul style="list-style-type: none"> • Routine Haematology • Blood fridges • Biochemistry • Special chemistry • Neonatal screening • Blood Transfusion 	A
Department of Blood Sciences Epsom General Hospital Dorking Road Epsom KT18 7EG	Pinika Patel	<ul style="list-style-type: none"> • Routine Haematology • Blood Transfusion • Blood fridges • Biochemistry 	B

Blood fridge locations aware from the laboratory:

Location details	Activity	Location code	
Elective Orthopaedic Centre Epsom Hospital	Pinika Patel	<ul style="list-style-type: none"> • Blood fridge 	C
Ashtead Hospital The Warren Ashtead KT21 2SB	Pinika Patel	<ul style="list-style-type: none"> • Blood fridge 	D



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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>Haematological examination activities for the purposes of clinical diagnosis:</u>	Documented in house methods and manufacturer's instructions for	
EDTA whole blood	Quantitative determination of FBC to include: Haemoglobin Platelets White cell count MCV RBC MCH MCHC RDW HCT Neutrophils Lymphocytes Monocytes Eosinophils Basophils	Sysmex XN10 using light scatter, impedance count and colorimetric technology: BSU.SOP.462	A, B
EDTA whole blood	ESR	Starred RS compact BSU.SOP.489	A, B
Blood films	Red cell, white cell and platelet morphology and white cell differential	Manual staining and automate (SP1000i) using MGG stain and light microscopy: BSU.SOP.195 BSU.SOP.212 BSU.SOP.466	A
Bone Marrow	Identification of all cell types	BSU.SOP.266 BSU.SOP.406 BSU.SOP.408	A



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HUMAN BODY FLUIDS	<u>Haematological examination activities for the purposes of clinical diagnosis:</u>	Documented in house methods and manufacturer's instructions for	
EDTA whole blood	Detection & speciation (thin films) of malaria parasites:	Preparation of thick and thin films, staining and light microscopy using Giemsa and Fields A and B	A
	All plasmodium species known to cause human disease	BSU.SOP.221 BSU.SOP.360 BSU.SOP.365	A
EDTA whole blood	Heterophile antibody	Manual method using Clearview IM II kit- rapid chromatographic immunoassay: BSU.SOP.163	A, B
EDTA whole blood	Malarial antigens of: <i>Plasmodium falciparum</i> and pan-detection for: <i>Plasmodium falciparum</i> <i>Plasmodium malariae</i> , <i>Plasmodium ovale</i> & <i>Plasmodium vivax</i>	Manual method using CARE-US Rapydtest cards (ICT) rapid chromatographic immunoassay: BSU.SOP.032	A, B
EDTA whole blood	Sickle cells solubility - HbS	Streck Sickledex kit using insolubility BSU.SOP.496	A
EDTA whole blood	G6PD enzyme	Pointe Scientific G6PDH kit and Jenway spectrophotometer BSU.SOP.416	A



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HUMAN BODY FLUIDS (cont'd)	<u>Haematological examination activities for the purposes of clinical diagnosis</u> (cont'd):	Documented in house methods and manufacturer's instructions for	
	Neonatal Haemoglobinopathy analysis by detection of haemoglobin variants:	Documented in-house methods to meet requirements of the Sickle Cell and Thalassaemia (SCT) screening programme(s) as defined in the Laboratory QC evidence requirements (relevant tests marked with *)	A
Dried Blood Spots	Haemoglobinopathy for identification and quantitation of: Hb A* Hb F* Hb S* Hb C* Hb D* Hb E* Hb O 'Arab'*	Sebia CapillaryS 3 Neonat fast analyser using capillary electrophoresis BSU.SOP.506 BSU.SOP.511	A
EDTA whole blood	Adult Haemoglobinopathy analysis (including Antenatal) by detection of haemoglobin variants: Hb A Hb A2 Hb S Hb C Hb D Hb E Hb O 'Arab'	Sebia CapillaryS 3 Flex piercing analyser using Capillary electrophoresis: BSU.SOP.498 BSU.SOP.499 BSU.SOP.171	A



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HUMAN BODY FLUIDS (cont'd)	<u>Haematological examination activities for the purposes of clinical diagnosis (cont'd):</u>	Documented in house methods and manufacturer's instructions for	
	Routine Coagulation Screen to include:	CN3000 using clot detection unless otherwise stated:	A, B
Citrated blood	INR	BSU.SOP.455	A, B
Citrated blood	APTT	BSU.SOP.456	A, B
Citrated blood	Fibrinogen	BSU.SOP.457	A, B
Citrated blood	D dimer	Latex agglutination BSU.SOP.484	A, B
Citrated blood	Thrombin time	BSU.SOP.056	A, B
Citrated blood	Anti thrombin	Chromogenic: BSU.SOP.489	A, B
Citrated blood	Protein C	Chromogenic: BSU.SOP.488	A
Citrated blood	Protein S	Latex agglutination: BSU.SOP.475	A
Citrated blood	VWF	Latex agglutination: BSU.SOP.374	A
Citrated blood	Xa assay	Chromogenic: BSU.SOP.480	A
Citrated blood	Factor assays	BSU.SOP.490	A
Citrated blood	Lupus screen	BSU.SOP.487	A



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HUMAN BODY FLUIDS (cont'd)	<u>Blood Transfusion examinations to assist in clinical investigations</u>	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
EDTA whole blood	Adult blood grouping by antibody detection: ABO groups RhD group	Immucor Neo Iris solid phase capture technology BSU.SOP.495	A, B
EDTA whole blood	Neonatal blood grouping ABO groups RhD group	Immucor Neo Iris solid phase capture technology BSU.SOP.495	A, B
EDTA whole blood	Antibody screening: Rh (C, D, E, c, e, Cw) Kell (K, k, Kpa) Duffy (Fya, Fyb) MNS (M, N, S, s) Kidd (Jka, Jkb) Lutheran (Lua) Lewis (Lea, Leb) P (P1)	Immucor Neo Iris solid phase capture technology BSU.SOP.495	A, B
EDTA whole blood	Antibody identification: Rh (C, D, E, c, e, Cw) Kell (K, k, Kpa) Duffy (Fya, Fyb) MNS (M, N, S, s) Kidd (Jka, Jkb) Lutheran (Lua) Lewis (Lea, Leb) P (P1)	Immucor Neo Iris solid phase capture technology BSU.SOP.495	A, B



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HUMAN BODY FLUIDS (cont'd)	<u>Blood Transfusion examinations to assist in clinical investigations</u> (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
EDTA whole blood	Direct Antiglobulin Test IgG	Immucor Neo Iris solid phase capture technology BSU.SOP.495	A, B
EDTA whole blood	Compatibility testing of patients' plasma with donor cells (serological crossmatching)	Immucor Neo Iris solid phase capture technology BSU.SOP.495	A, B
EDTA whole blood	Compatibility testing of patients' plasma with patients' cells (patient auto)	Immucor Neo Iris solid phase capture technology BSU.SOP.495	A, B
EDTA whole blood	Electronic crossmatch	Using LIMS algorithms BSU.SOP.044	A, B



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis</u>	Documented in house methods and manufacturer's instructions for Abbott Alinity ci-series using ISE, Turbidimetry and colourimetry BSU.SOP.463 BSU.SOP.464	
Serum, plasma	Albumin		A, B
Serum, plasma	Alkaline Phosphatase		A, B
Serum, plasma	ALT		A, B
Plasma	Ammonia		A, B
Serum, plasma, urine	Amylase		A, B
Serum, plasma	ACE		A
Serum, plasma	AST		A, B
Serum, plasma, urine	Calcium		A, B
Serum, plasma, urine	Chloride		A, B
Serum, plasma	Cholesterol (total)		A, B
Serum, plasma	CK		A, B
Serum, plasma	Total CO2 (bicarbonate)		A, B
Serum, plasma	Conjugated bilirubin		A, B
Serum, plasma	CRP		A, B
Serum, plasma	Cystatin C		A
Serum, plasma	Digoxin		A, B
Serum	Gamma GT		A, B
Plasma, CSF	Glucose		A, B
Serum, plasma	HDL		A, B
Serum, plasma	Iron		A, B
Plasma, CSF	Lactate		A, B
Serum, plasma	LDH		A, B
Serum	Lithium		A, B
Serum, plasma	Magnesium		A, B
Urine	Microalbumin		A, B
Serum, plasma	Paracetamol		A, B
Serum, plasma, urine	Phosphate		A, B
Serum, plasma, urine	Potassium		A, B
Serum, plasma	Salicylate		A, B



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis:</u> (cont'd)	Documented in house methods and manufacturer's instructions for	
Serum, plasma urine	Sodium	Abbott Alinity c-series using ISE, Turbidimetry and colourimetry BSU.SOP.463	A, B
Serum, plasma	Total bilirubin		A, B
Serum, plasma, CSF	Total protein		A, B
Serum, plasma	Transferrin		A, B
Serum, plasma	Triglycerides		A, B
Serum, plasma, urine	Urate (uric acid)		A, B
Serum, plasma, urine	Urea		A, B
Serum	Bile acids		A
Serum, Plasma, urine	Osmolality	Advanced Instruments Osmo1 using freeze-point depression BSU.SOP.198	A, B
Sweat	Sodium Chloride	Sherwood 926S chloride analyser using coulometric titration BSU.SOP.346	A, B
Serum, plasma	Carbamazepine	Abbott Alinity c-series using PETINIA BSU.SOP.463	A
CSF	Xanthochromia	NorthStar UVIKON spectrophotometer BSU.SOP.331	A
CSF	Xanthochromia	NorthStar BIO-UV spectrophotometer BSU.SOP.449	B



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis: (cont'd)</u>	Documented in house methods and manufacturer's instructions for Abbott Alinity i-series using CMIA technology BSU.SOP.464 BSU.SOP.474 BSU.SOP.493	
Serum, plasma	25 OH Vitamin D		A, B
Serum	Active B12		A, B
Serum, plasma, urine	Cortisol		A
Serum, plasma	Cortisol		B
Serum	Ferritin		A, B
Plasma	Folate		A, B
Serum	Free T3		A, B
Serum, plasma	Free T4		A, B
Serum	FSH		A, B
Serum, plasma	PTH		A, B
Serum, plasma	LH		A, B
Serum	Oestradiol		A, B
Serum	Progesterone		A, B
Serum, plasma	Procalcitonin		A
Serum	Prolactin		A, B
Serum	Total PSA		A, B
Serum	SHBG		A, B
Serum	Total HCG		A, B
Serum, plasma	High sensitivity Troponin I		A, B
Serum	TSH		A, B
Serum	Vitamin B12		A, B
		Abbott Alinity i-series using CMIA technology BSU.SOP.464 BSU.SOP.474 BSU.SOP.493	
Serum	AFP		B
Serum	CA125		B
Serum, plasma	CA19-9		B
Serum	CEA		B



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis:</u> (cont'd)	Documented in house methods and manufacturer's instructions for	
Serum	TPO abs	Abbott Alinity i-series using CMIA technology BSU.SOP.464 BSU.SOP.474 BSU.SOP.493	A
Serum, plasma	Cyclosporin		A
Serum, plasma	Macroprolactin		A
Plasma	Tacrolimus (FK506)		A
Serum, plasma	Testosterone		A, B
Serum, plasma	Total Homocysteine		A
Plasma	Red cell folate		A
Serum, plasma	NT Pro-BNP		A
Serum, plasma, urine	Adjusted calcium	Abbott Alinity ci-series by calculation BSU.SOP.463 BSU.SOP.464	A, B
Serum, plasma, urine	Albumin: creatinine		A, B
	Amino Acids:	Biochrom 30+ Amino acid analyser using Ion exchange HPLC:	A
Urine, plasma, CSF	Aspartate		A
Urine, plasma, CSF	Glutamate		A
Urine, plasma, CSF	Hydroxyproline		A
Urine, plasma, CSF	Serine		A
Urine, plasma, CSF	Glycine		A
Urine, plasma, CSF	Glutamine		A
Urine, plasma, CSF	Taurine		A
Urine, plasma, CSF	Histidine		A
Urine, plasma, CSF	Citrulline		A
Urine, plasma, CSF	Threonine		A
Urine, plasma, CSF	Alanine		A
Urine, plasma, CSF	Beta amino isobutyrate		A
Urine, plasma, CSF	Arginine		A
Urine, plasma, CSF	Proline		A
Urine, plasma, CSF	Alpha amino butyrate		A
Urine, plasma, CSF	Tyrosine		A
Urine, plasma, CSF	Valine		A
Urine, plasma, CSF	Methionine		A
Urine, plasma, CSF	Cystine		A
Urine, plasma, CSF	Isoleucine		A
Urine, plasma, CSF	Leucine		A



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis: (cont'd)</u>	Documented in house methods and manufacturer's instructions for	
Urine, plasma, CSF	Phenylalanine	Biochrom 30+ Amino acid analyser using Ion exchange HPLC:	A
Urine, plasma, CSF	Tryptophan		A
Urine, plasma, CSF	Ornithine		A
Urine, plasma, CSF	Lysine		A
Urine, plasma, CSF	Total homocysteine		A
Urine	5HIAA	Jasco HPLC with ECD detection BSU.SOP.297	A
		HPLC with UV detection using Agilent HPLC and Jasco, Thermo AS1000	A
Serum	Iohexol clearance	BSU.SOP.088 BSU.SOP.087 BSU.SOP.068	A
Urine	Citrate	Agilent 1200 HPLC with UV detection BSU.SOP.448	A
		Reverse phase HPLC with electrochemical detection using Agilent HPLC and Jasco, Thermo AS1000:	A
Urine	Metadrenalines	BSU.SOP.092	A
Urine	HVA and VMA	BSU.SOP.362	A



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis:</u> (cont'd)	Documented in house methods and manufacturer's instructions for	
Bloodspot	Congenital hypothyroidism screen (newborn screening) *	Documented in-house methods to meet the requirements of the Newborn blood spot (NBS) screening programme(s) as defined in the Laboratory QC evidence requirements (relevant tests marked with *) Perkin Elmer Genetic Screening Processor (GSP) using time resolved fluoroimmunoassay BSU.SOP.326	A
Bloodspot	Cystic fibrosis screen*	BSU.SOP.325 BSU.SOP.323 BSU.SOP.357	A
Bloodspot Bloodspot	TSH* IRT*		A
Bloodspot	Haemoglobin*	Sebia Capillary 3 Electrophoresis BSU.SOP.161	A



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis:</u> (cont'd)	Documented in house methods and manufacturer's instructions for	
Plasma	ACTH	Siemens immulite XP using Chemiluminescent enzyme immunoassay technology BSU.SOP.219	A
Plasma	Erythropoietin		A
Serum	Growth Hormone		A
Serum	IGF-1		A
EDTA whole blood	Glycated HbA1c	Tosoh G11 ion exchange HPLC BSU.SOP.159	A, B
Urine	Urine Volume	24 hrs urine volume calculated by weight BSU.SOP.396	A, B
Urine	Urine pH	Ion selective electrode using VWR pH110M BSU.SOP.433	A, B
END			