


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 Accredited to ISO 15189:2012	Frimley Health NHS Foundation Trust	
	Issue No: 014 Issue date: 28 October 2024	
	Department of Haematology Frimley Park Hospital Frimley Camberley GU16 7UJ United Kingdom	Contact: Elizabeth Lomas E-Mail: fph-tr.bspsquality@nhs.net Website: http://www.nhspathology.fph.nhs.uk
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
Frimley Park Hospital Portsmouth Road Frimley GU16 7UJ Local contacts: Sue Pugh (Haem) Nelsonseelan Johnson (BT)	<ul style="list-style-type: none">• Haematology• Blood transfusion	FPH
Royal Surrey County Hospital Egerton Road Guildford GU2 7XX Local contacts: Jaime Clack (Haem) Tina Glue (BT)	<ul style="list-style-type: none">• Haematology• Blood transfusion	RSCH
St Peter's Hospital Guildford Road Chertsey Surrey KT16 0PZ Local contacts: Joseph Wrenn (Haem) Tina Glue (BT)	<ul style="list-style-type: none">• Haematology• Blood transfusion	STP



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Site activities performed away from the locations listed above:

Location details	Activity
Ashford Pathology Issue Fridge Pathology Department London Road Stanwell Ashford TW15 3AA	Blood Storage & Issue Only Fridge Managed by Haematology
STP Main Issue Fridge; Level B Pathology Blood Transfusion Department Guildford Road Chertsey Surrey KT16 0PZ	Blood Storage & Issue Only Fridge Managed by Haematology
STP Theatre Issue Fridge Treatment Room Theatre Department Guildford Road Chertsey Surrey KT16 0PZ	Blood Storage & Issue Only Fridge Managed by Haematology
STP Labour Ward Maternity Department Guildford Road Chertsey Surrey KT16 0PZ	Issue Fridge
FPH Main Issue Fridge, Ground Floor, Blue Corridor Pathology Blood Transfusion Department Frimley Park Hospital Portsmouth Road Frimley GU16 7UJ	Blood Storage & Issue Only Fridge Managed by Haematology
FPH ED Resuscitation Bay, Ground Floor Emergency Department Frimley Park Hospital Portsmouth Road Frimley. GU16 7UJ	Blood Storage & Issue Only Fridge Managed by Haematology



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Location details	Activity
FPH ED Resuscitation Bay, Ground Floor Emergency Department Frimley Park Hospital Portsmouth Road Frimley. GU16 7UJ	Blood Storage & Issue Only Fridge Managed by Haematology
FPH Theatre Issue Fridge; First Floor, Red Corridor Theatre Department Frimley Park Hospital Portsmouth Road Frimley GU16 7UJ	Blood Storage & Issue Only Fridge Managed by Haematology
Spire Clare Park Hospital; First Floor, Theatre Entrance Crandall Lane Farnham Surrey GU10 5XX.	Blood Storage & Issue Only Fridge Managed by Haematology
RSCH Main Issue Fridge; Level B Opposite Pathology Blood Transfusion Department RSCH Egerton Road Guildford GU2 7XX	Blood Storage & Issue Only Fridge Managed by Haematology
RSCH Delivery Suite Issue Fridge Maternity Department, RSCH Egerton Road Guildford GU2 7XX	Blood Storage & Issue Only Fridge Managed by Haematology
RSCH Chilworth Ward Treatment Room RSCH, Egerton Road Guildford GU2 7XX	Blood Storage & Issue Only Fridge Managed by Haematology



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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>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:	
Whole blood: EDTA samples	<p>Blood Group by detection and identification of antigens:</p> <p>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</p>	<p>Automated using Immucor ECHO analysers using Capture technology for digital image analysis (STP and RSCH only) And Immucor NEO analysers using Capture technology for digital image analysis BTR-BSPS-SOP-126: Automated Blood Group Antibody Screen & Antibody ID using IBG Neo</p> <p>BTR-BSPS-SOP-224: Manual Blood Grouping and Antibody Screening – (only for card)</p>	FPH RSCH STP
Whole blood: EDTA samples	<p>Antibody Screen by detection of antibodies to:</p> <ul style="list-style-type: none"> • Rh – Hr. • Kell • Duffy • Kidd • Lewis. • P • MN • Lutheran • Xg 	<p>Automated using Immucor ECHO analysers using Capture technology for digital image analysis (STP and RSCH only) And Immucor NEO analysers using Capture technology for digital image analysis BTR-BSPS-SOP-126: Automated Blood Group Antibody Screen & Antibody ID using IBG Neo Analyser</p>	FPH RSCH STP



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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:	
Whole blood: EDTA samples	Antibody investigation by detection, identification and quantification of: <ul style="list-style-type: none"> • Rh – Hr. • Kell • Duffy • Kidd • Lewis. • P • MN • Lutheran • Xg 	Automated using Immucor ECHO analysers using Capture technology for digital image analysis (STP and RSCH only) And Immucor NEO analysers using Capture technology for digital image analysis BTR-BSPS-SOP-126: Automated Blood Group Antibody Screen & Antibody ID using IBG Neo Analyser	FPH RSCH STP
Whole blood: EDTA samples	Direct Antiglobulin Test (DAT)	Diamed Column gel IAT technology BTR-BSPS-SOP-112: Direct Antiglobulin Test (DAT)	FPH RSCH STP
Whole blood: EDTA samples	Antigen phenotyping: C, K, P1, CcEe, M, N, k, Ss, Jk, Fy, Kp, Lu	Manual using Diamed cards BTR-BSPS-SOP-115: Red Cell Phenotyping	FPH RSCH STP
Whole blood: EDTA samples	Foetal Maternal Haemorrhage	Acid Elution method BTR-RBH-SOP-024: Kleihauer film and related tests	FPH RSCH STP
Blood Plasma	Compatibility testing of patient's plasma with donor cells	Cross matching using Diamed column gel IAT technology BTR-BSPS-SOP-104: Serological Crossmatch BTR-BSPS-SOP-106: Electronic issue BTR-RBH-SOP-029: Electronic Issue and Serological Crossmatching of Red Cells BTR-BSPS-SOP-108: Emergency Issue of Blood	FPH RSCH STP



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HUMAN BODY FLUIDS (cont'd)	<u>Haematological examinations for the purpose of clinical diagnosis</u>	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Whole blood: EDTA samples	Full Blood Count (FBC) analysis of the following parameters: White Blood Count(WBC) Haemoglobin(Hb) Platelet count(Plt) Red Cell Count(RBC) Haematocrit(Hct) Mean Cell Haemoglobin(MCH) Mean Cell Haemoglobin concentration (MCHC) Mean Cell Volume (MCV) Hypochromia % Neutrophil count Lymphocyte count Monocyte count Eosinophil count Basophil count Large unstained Cells (LUC) (Siemens only) Red cell Distribution Width (RDW) Reticulocyte count Citrated platelet count	Abbott Alinity Hq automated analyser HAE-BSPS-SOP-400	FPH RSCH STP
Whole blood: EDTA samples	Microscopical identification of normal and abnormal blood cell morphologies including microscopical WBC differential count	Automated staining using Hematek staining machine and blood film analysis HAE-BSPS-SOP-022: Use and maintenance of the Hematek staining machine	RSCH STP
Whole blood: EDTA samples	Microscopical identification of normal and abnormal blood cell morphologies including microscopical WBC differential count	Automated staining using Abbott Alinity HS and blood film analysis HAE-BSPS-SOP-402: Abbott Alinity HS Automated Slide Maker	FPH RSCH STP
Whole blood: EDTA samples	Microscopical identification of normal and abnormal blood cell morphologies including microscopical WBC differential count	Automated Cellavision, HAE-BSPS-SOP-500: Cellavision	RSCH FPH



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HUMAN BODY FLUIDS (cont'd)	<u>Haematological examinations for the purpose of clinical diagnosis (cont'd)</u>	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Whole blood: EDTA samples	Erythrocyte Sedimentation Rate (ESR)	Automated Starrsed analysers, modified Westergren method HAE-BSPS-SOP-003: Automated ESR using the StaRRsed	FPH
		Sarstedt microvette CB200 kit (manual) HAE-BSPS-SOP-010: Manual ESR Method	FPH RSCH STP
Whole blood: EDTA samples	Glandular fever - Detection of Infectious mononucleosis antibodies	ACCUSAY MONO Launch Diagnostics – using direct solid-phase immunoassay HAE-BSPS-SOP-018: Glandular Fever Screen	FPH RSCH STP
Whole blood: EDTA samples	Sickle cell solubility	S-Test Kit Microgen Bioproducts Solubility test / Sickle Test Kit Clin-Tech Ltd HAE-SPS-SOP-4	FPH RSCH SPH
		Documented -in-house methods to meet the requirements of the SCT screening programme as defined in the July 2018 NHS Sickle Cell and Thalassaemia Screening Programme: laboratory quality assurance evidence requirements*	
	Haemoglobinopathy analysis by detection of haemoglobin variants: Hb S and Hb C	Automated TOSOH G11 analyser, HAE-BSPS-SOP-2: HAE-BSPS-SOP-3: HPLC reporting for Low Prevalence Trusts	FPH
Bone marrow	Bone Marrow film characteristics for microscopical identification of normal and abnormal blood cell morphologies	Manual Perls' stain HAE-BSPS-SOP-001: Bone Marrow processing and reporting	FPH STP



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HUMAN BODY FLUIDS (cont'd)	<u>Haematological examinations for the purpose of clinical diagnosis (cont'd)</u>	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Urine	Haemosiderin	Manual Perl's stain HAE-BSPS-SOP-023: Perls stain (Bone marrow iron stain and urinary haemosiderin)	FPH RSCH STP
Whole blood: EDTA samples	Confirmation and Identification of Malaria parasites by detection of: P. falciparum (HRP1) & P. falciparum, P. vivax, P. malariae, P. ovale (pan-antigen)	Carestart US. Malaria Ag test Kit HAE-BSPS-SOP-007: Malarial Parasites	FPH RSCH STP
Whole blood: EDTA samples	Confirmation and Identification of Malaria & non-Malaria parasites: P. falciparum, P. ovale, P. vivax, P. malariae, P. knowlesi Filaria Typanosoma spp. Babesia spp. Borrelia spp.	Preparation of thick and thin films, VWR Giemsa R66 stain plus pH7.2 Buffer (thin films) Field' stain from TCS Biosciences Ltd (thick films) HAE-BSPS-SOP-007: Malarial Parasites	
Whole blood: EDTA samples	G6PD	Fluorescence under UV light, Trinity Biotech Kit 203-A HAE-FPH/WPH-SOP-010: Glucose-6-phoSTPate dehydrogenase (G6PD) Assay	FPH
	<u>Coagulation examinations for the purpose of clinical diagnosis:</u>		
Plasma	Prothrombin Time (PT) Activated Partial Thromboplastin Time (APTT) Fibrinogen (Clauss)	Automated Werfen ACL Top 550 analyser HAE-BSPS-SOP-300	FPH RSCH STP



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HUMAN BODY FLUIDS (cont'd)	<u>Coagulation examinations for the purpose of clinical diagnosis</u> (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Plasma	D-Dimer	HAE-BSPS-SOP-305: D-Dimer Assay on ACL TOP 50 Series Analysers	RSCH STP FPH
		Automated Werfen ACL TOP 750 analyser:	FPH
	Factors VIII, IX, Xa.	HAE-BSPS-SOP-311: Factor assays the ACL TOP 550	
	Fibrinogen (Clauss)	HAE-BSPS-SOP-304: Fibrinogen on ACL TOP 50 Series Analysers,	
	Prothrombin Time (PT) International normalised ratio (INR)	HAE-BSPS-SOP-303: Prothrombin Time/INR on ACL TOP 50 Series Analyser,	
	Activated Partial Thromboplastin Time (APTT)	HAE-BSPS-SOP-302: APTT on ACL TOP 50 Series Analysers	
	D-Dimer	HAE-BSPS-SOP-305: D-Dimer Assay ACL TOP 50 Series Analysers,	
	Thrombin Time (TT) Lupus anticoagulation	HAE-BSPS-SOP-310 Lupus anticoagulant Testing on the ACL TOP 550	STP
Plasma	Thrombophilia, AT3, Protein S and Free Protein C	Automated ACL Top 550 analyser HAE-ASTP-SOP-008 HAE-BSPS-SOP-313 Thrombophilia Screen on the ACL TOP 550	STP



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Plasma	Thrombin Time (TT) Lupus anticoagulant (LA)	Automated ACL Top 550 analyser HAE-ASTP-SOP-008 HAE-BSPS-SOP-310 Lupus anticoagulant Testing on the ACL TOP 550	
	Factors II, V, VII, VIII, IX, X, XI, XII, XIII, RiCof, Anti-Xa	HAE-BSPS-SOP-311 Factor Assays on the ACL TOP 550	
	Factor VIII Inhibitor.	HAE-ASTP-SOP-61 IL Factor 13 antigen Assay	
	DOACs: Apixaban, Rivaroxaban, Edoxaban and Dabigatran	HAE-BSPS-SOP-314 DOAC screening and quantification on the ACL TOP 550	
	Von Willebrand's screen (VWF:Ag)	HAE-BSPS-SOP-312 Von Willebrand's Screen on the ACL TOP 550	
	D-Dimer.	HAE-BSPS-SOP-305: D-Dimer Assay on ACL TOP 50 Series Analysers	
Plasma	Collagen binding	Automated Acustar HAE-ASTP-SOP-52: AcuStar Collagen Binding Activity	STP
END			