


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>	Frimley Health NHS Foundation Trust Issue No: 002 Issue date: 09 May 2019	
	Department of Haematology Frimley Park Hospital Frimley Camberley GU16 7UJ United Kingdom	Contact: Elaine Inglis Tel: 01276 522541 / 01276 522194 / 01276 522175 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: Marcus Mcdougall (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: Martin Davis (Haem) Visuvanathan Jeyakumar (BT)	<ul style="list-style-type: none"> • Haematology • Blood transfusion RSCH
St Peter's Hospital Guildford Road Chertsey Surrey KT16 0PZ	Local contacts: Paul Ryan (Haem) Visuvanathan Jeyakumar (BT)	<ul style="list-style-type: none"> • Haematology • Blood transfusion SPH



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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
SPH Main Issue Fridge; Level B Pathology Blood Transfusion Department Guildford Road Chertsey Surrey KT16 0PZ	Blood Storage & Issue Only Fridge Managed by Haematology
SPH Theatre Issue Fridge Treatment Room Theatre Department Guildford Road Chertsey Surrey KT16 0PZ	Blood Storage & Issue Only Fridge Managed by Haematology
SPH Labour Ward Maternity Department Guildford Road Chertsey Surrey KT16 0PZ	Issue Fridge
Woking & Sam Beare Hospice Drugs Room, Opposite Nurses Station The Goldsworth Park Centre Woking GU21 3lg	Blood Storage & Issue Only Fridge Managed by Haematology
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



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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 Crondall Lane Farnham Surrey GU10 5XX.	Blood Storage & Issue Only Fridge Managed by Haematology
Phyllis Tuckwell Hospice Care Phyllis Tuckwell Hospice Waverley Lane Farnham Surrey Gu9 8bl	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	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	Automated using Immucor ECHO analysers using Capture technology for digital image analysis (SPH and RSCH only) And Immucor NEO analysers using Capture technology for digital image analysis BTR-SPS-SOP-26 Manual tube spin agglutination and manual Diamed gel IAT technology: BTR-SPS-SOP-00024	FPH RSCH SPH
Whole blood: EDTA samples	Antibody Screen by detection of antibodies to: <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 (SPH and RSCH only) And Immucor NEO analysers using Capture technology for digital image analysis BTR-SPS-SOP-26 Manual tube spin agglutination and manual Diamed gel IAT technology: BTR-SPS-SOP-00024	FPH RSCH SPH



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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 (SPH and RSCH only) And Immucor NEO analysers using Capture technology for digital image analysis BTR-SPS-SOP-26 Manual tube spin agglutination and manual Diamed gel IAT technology: BST SOP 00062	FPH RSCH SPH
Whole blood: EDTA samples	Direct Antiglobulin Test (DAT)	Diamed Column gel IAT technology BST SOP 00005	FPH RSCH SPH
Whole blood: EDTA samples	Antigen phenotyping: C, K, P1, CcEe, M, N, k, Ss, Jk, Fy, Kp, Lu	Manual using Diamed cards SOP- BTR-SPS-SOP-115	FPH RSCH SPH
Whole blood: EDTA samples	Foetal Maternal Haemorrhage	Acid Elution method BTR-SPS-SOP-101	FPH RSCH SPH
Blood Plasma	Compatibility testing of patient's plasma with donor cells	Cross matching using Diamed column gel IAT technology BTR-SPS-SOP-104 BTR-SPS-SOP-106 BTR-SPS-SOP-108	FPH RSCH SPH



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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) Red cell Distribution Width (RDW) Reticulocyte count Citratated platelet count	Advia 2120 automated analyser HAE-SPS-SOP-01	FPH RSCH SPH
Whole blood: EDTA samples	Microscopical identification of normal and abnormal blood cell morphologies including microscopical WBC differential count	Automated staining using Hematek staining machine (FPH site also use Advia Autoslide ABX) and blood film analysis HAE-SPS-SOP-21 HAE-SPS-SOP-2 HAE-SPS-SOP-28 HAE-SPS-DOC-36	FPH RSCH SPH



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HUMAN BODY FLUIDS (cont'd)	<u>Haematological 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:	
Whole blood: EDTA samples	Erythrocyte Sedimentation Rate (ESR)	Automated Starsted analysers, modified Westergren method HAE-SPS-SOP-5 Sarstedt microvette CB200 kit (manual) HAE-SPS-SOP-6	FPH RSCH SPH
Whole blood: EDTA samples	Glandular fever - Detection of Infectious mononucleosis antibodies	ACCUSAY MONO Launch Diagnostics – using direct solid-phase immunoassay HAE-SPS-SOP-9	FPH RSCH SPH
Whole blood: EDTA samples	Sickle cell solubility	S-Test Kit Microgen Bioproducts Solubility test HAE-SPS-SOP-4	FPH RSCH SPH
	Haemoglobinopathy analysis by detection of haemoglobin variants: Hb S and Hb C	Bio Rad Variant analyser HAE-SPS-SOP-3	FPH
Bone marrow	Bone Marrow film characteristics for microscopical identification of normal and abnormal blood cell morphologies	Manual Perls' stain HAE-SPS-SOP-8 HAE-SPS-SOP-27	FPHSPH
Urine	Haemosiderin	Manual Perl's stain HAE-SPS-SOP-27	FPH RSCH SPH



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HUMAN BODY FLUIDS (cont'd)	<u>Haematological 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:	
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)	BinaxNOW Malaria Ag test Kit HAE-SPS-SOP-7 HAE-ASPH-H10	FPH RSCH SPH
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-SPS-SOP-7 HAE-ASPH-H10	
Whole blood: EDTA samples	G6PD	Fluorescence under UV light, Trinity Biotech Kit 203-A HAE-SPS-SOP-10	FPH
Plasma	Routine Coagulation testing for: Prothrombin Time (PT) Activated Partial Thromboplastin Time (APTT) Fibrinogen (Clauss)	Automated STAGO StaR evolution analyser HAE-SPS-SOP-STAGO 3 HAE-SPS-SOP-STAGO 2 HAE-SPS-SOP-STAGO 12	FPH RSCH SPH
	Thrombin Time (TT) Reptilase Time Lupus anticoagulation	HAE-SPS-SOP-STAGO 14 HAE-SPS-SOP-STAGO 13 HAE-SPS-SOP-STAGO 17	SPH
Plasma	Thrombophilia screen: Free Protein S Antigen Anti-thrombin APC resistance	Automated STAGO StaR evolution analyser HAE-SPS-SOP-STAGO 4 HAE-SPS-SOP-STAGO 5 HAE-SPS-SOP-STAGO 6 HAE-SPS-SOP-STAGO 7	SPH



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Plasma	Dilute Russells viper venom time screen & confirmation for detection of Lupus Anticoagulants	Automated STAGO StaR evolution analyser HAE-SPS-SOP-STAGO 17	SPH
Plasma	VonWillebrand screen	Automated STAGO StaR evolution analyser HAE-SPS-SOP-STAGO 9 HAE-SPS-SOP-STAGO 11 HAE-ASPH-SOP-C60	SPH
Plasma	Factor Assay analysis: II V VII VIII Factor VIII inhibitor IX Factor IX inhibitor X XI XII XIII	Automated STAGO StaR evolution analyser HAE-SPS-SOP-STAGO 10 HAE-SPS-SOP-STAGO 15 HAE-ASPH-SOP-C61	SPH
Plasma	Anti-Xa	Automated STAGO StaR evolution analyser HAE-SPS-SOP-STAGO 8	SPH
Plasma	Factor XIII, RiCoF, Anti-Xa	Automated ACL Tops analyser HAE-ASPH-SOP-008	SPH
END			