


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

| | | |
|--|--|---|
|  Accredited to ISO 15189:2022 | Frimley Health NHS Foundation Trust | |
| | Issue No: 016 Issue date: 25 November 2025 | |
| | 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 | Issue Fridge 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 Crondall 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 | 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 (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 BTR-BSPS-SOP-224: Manual Blood Grouping and Antibody Screening – (only for card) | RSCH |
| 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 Neo Iris analysers using Capture technology for digital image analysis And Immucor Iris analysers using Capture technology for digital image analysis BTR-BSPS-SOP-126: Automated Blood Group Antibody Screen & Antibody ID using IBG Neo BTR-BSPS-SOP-224: Manual Blood Grouping and Antibody Screening – (only for card) | FPH 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 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 (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 | 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 |



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| <p>HUMAN BODY FLUIDS (cont'd)</p> <p>Blood Plasma</p> <p>Blood Plasma</p> | <p><u>Blood Transfusion examinations to assist in clinical investigations</u> (cont'd)</p> <p>Compatibility testing of patient's plasma with donor cells</p> <p>Compatibility testing of patient's plasma with donor cells</p> | <p>Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:</p> <p>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</p> <p>Cross matching using Automated Cross Match on Immucor Neo Iris</p> <p>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</p> | <p>FPH RSCH</p> <p>STP</p> |



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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 Citratd 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 Abbott Cellavision, HAE-BSPS-SOP-500: Cellavision | RSCH FPH STP |



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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 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 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 RSCH |



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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: | |
| Bone marrow | Bone Marrow film characteristics for microscopical identification of normal and abnormal blood cell morphologies | BM staining using Abbott Alinity HS, HAE, BSPS-SOP-001: Bone Marrow processing and reporting & HAE-BSPS-SOP-402: Abbott Alinity HS Automated Slide Maker | FPH |
| Urine | Haemosiderin | Manual Perl's stain HAE-BSPS-SOP-023: Perls stain (Bone marrow iron stain and urinary haemosiderin) | FPH |
| 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 |



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| HUMAN BODY FLUIDS (cont'd) | <u>Coagulation 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: | |
| Plasma | Prothrombin Time (PT) Activated Partial Thromboplastin Time (APTT) Fibrinogen (Clauss) | Automated Werfen ACL Top 550 analyser HAE-BSPS-SOP-300 | FPH RSCH STP |
| Plasma | D-Dimer | HAE-BSPS-SOP-305: D-Dimer Assay on ACL TOP 50 Series Analysers | 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 | Factors VIII, IX, Xa. | ACL TOP 550. HAE-BSPSSOP-311: Factor Assays on the ACL TOP 50 Series | RSCH |
| | | Automated ACL Top 550 analyser HAE-ASTP-SOP-008 | 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 | Thrombophilia, AT3, Protein S and Free Protein C | HAE-BSPS-SOP-313 Thrombophilia Screen on the ACL TOP 550 | STP |
| Plasma | Thrombin Time (TT) Lupus anticoagulant (LA) | Automated ACL Top 550 analyser HAE-ASTP-SOP-008 | |
| | 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 |
| Whole blood (EDTA) and Buccal Swabs (RapiDri Isohelix) | Detection of: Mutations within codon 7 of the HBB gene - HbS and HbC for military recruits screening purposes | OptiGene Sickle Cell SNP - LAMP kit Genie HT LAMP system HAE-FPH-SOP-015 | FPH |

END