


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL</p> <p>9733</p> <p>Accredited to ISO 15189:2022</p>	<p>Frimley Health NHS Foundation Trust <u>Operating as Berkshire and Surrey Pathology Services</u></p> <p>Issue No: 011 Issue date: 04 June 2026</p>	
	<p>Blood Science Department Pathology Department Wexham Park Hospital Wexham Slough SL2 4HL</p>	<p>Contact: Elizabeth Lomas Tel: +44 (0) 1932 723042 / 01753 633098 Fax: +44 (0) 1932 875129 E-Mail: fph-tr.bspsquality@nhs.net Website: https://www.berkshireandsurreypathologyservices.nhs.uk/</p>
<p>Testing performed at the above address only</p>		

Site activities performed away from the locations listed above:

Location details	Activity
Wexham Park Hospital Main Lab	Blood storage & issue Fridge managed by Blood Sciences
Wexham Park Hospital Theatres	Blood storage & issue Fridge managed by Blood Sciences
Wexham Park Hospital Accident & Emergency Ward	Blood storage & issue Fridge managed by Blood Sciences
Wexham Park Hospital Eden Ward	Blood storage & issue Fridge managed by Blood Sciences
Heatherwood Hospital Pathology Ascot	Blood storage & issue Fridge managed by Blood Sciences Specimen reception



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
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	Blood Group by detection and identification of antigens: ABO and RhD	Automated using Immucor Neo analyser: <u>BTR-BSPS-SOP-148</u> <u>BTR-BSPS-SOP-126</u> Manual column agglutination and manual Diamed gel IAT technology: <u>BTR-BSPS-SOP-224</u>
Plasma EDTA	Antibody Screen by detection of antibodies to: Cc,E,e K Jka, Jkb Fya, Fyb M, N, S, s Kpa	Automated using Immucor Neo analyser: <u>BTR-BSPS-SOP-148</u> <u>BTR-BSPS-SOP-126</u> Manual gel IAT technology <u>BTR-BSPS-SOP-224</u> <u>BTR-BSPS-SOP-62</u>
Whole Blood EDTA	Antigen phenotyping: Rh C, c, E, e K	Automated using Immucor Neo analyser <u>BTR-BSPS-SOP-115</u> Manual gel IAT technology <u>BTR-BSPS-SOP-115</u>
Plasma EDTA	Antibody investigation by detection, identification and quantification of: C,c,E,e K Jka, Jkb Fya, Fyb M, N, S, s Kpa	Automated using Immucor Neo analyser <u>BTR-BSPS-SOP-126</u> Manual gel IAT technology <u>BTR-BSPS-SOP-126</u>



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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 EDTANITY	Direct Antiglobulin Test (DAT)	Automated using Immucor Neo analyser <u>BTR-BSPS-SOP-112</u> Manual column gel IAT technology <u>BTR-BSPS-SOP-112</u>
Whole Blood EDTA	Foetal Maternal Haemorrhage	Guest medical kits Kleihauer Acid Elution Technique <u>BTR-BSPS-SOP-101</u>
Whole Blood EDTA	Compatibility testing of patients' plasma with donor cells	Cross matching using column gel IAT technology <u>TR-BSPS-SOP-104</u>
	<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:
EDTA Whole Blood	Full Blood Count (FBC) analysis of the following parameters: Hb WBC PLT RBC Hct MCH MCH MCHC RDW Neutrophils (absolute) Lymphocytes (absolute) Monocytes (absolute) Eosinophils (absolute) Basophils (absolute)	Abbott Alinity HQ analysers. Principle: Flow cytometry, Absorption Spectrophotometry <u>HAE-BSPS-SOP-400</u> <u>HAE-BSPS-SOP-401</u>



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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:
EDTA Whole Blood	Screening test for Glucose 6 phosphate dehydrogenase deficiency	Trinity Biotech kit, visual qualitative fluorescence <u>HAE-FPH/WPH-SOP-010</u>
EDTA Whole Blood	Malarial antigens of: <i>Plasmodium falciparum</i> and pan-detection for: <i>Plasmodium malariae</i> , <i>Plasmodium ovale</i> & <i>Plasmodium vivax</i>	CareUS and malaria thick and thin films <u>HAE-BSPS-SOP-007</u>
EDTA Whole Blood	Erythrocyte Sedimentation Rate (ESR)	Automated Starsred analysers, modified Westergren method <u>HAE-BSPS-SOP-003</u> Manual ESR method
EDTA Whole Blood		<u>HAE-BSPS-SOP-010</u>
EDTA Whole Blood	Glycated Hb (HbA1c)	TOSOH G11 <u>BIO-FPH/WPH-SOP-050</u>
EDTA Whole Blood	Blood film analysis for: Differential leucocyte count and morphology of the leucocytes, erythrocytes and platelets	Automated using Alinity HS slide preparation, staining using May-Grunwald-Giemsa and Giemsa stain <u>HAE-BSPS-SOP-402</u> Manual staining using May Grunwald Giemsa and Diff Quick stains <u>HAE-BSPS-SOP-020</u> <u>HAE-BSPS-SOP-028</u>
EDTA Whole Blood Bone Marrow aspirate		Manual Perl's stain <u>HAE-BSPS-SOP-023</u>



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>EDTA Whole Blood</p> <p>EDTA Whole Blood</p> <p>Sodium Citrate Plasma</p> <p>Sodium Citrate Plasma</p> <p>Serum, EDTA plasma EDTA whole blood NaHep plasma</p>	<p><u>Haematological examinations for the purpose of clinical diagnosis</u> (cont'd)</p> <p>Sickle cell solubility</p> <p>Haemoglobinopathy screen for Hb variants: HbA, A2, F, S, C, D, E</p> <p>Blood coagulation</p> <ul style="list-style-type: none"> • Prothrombin Time (PT) • INR • APTT • Fibrinogen • Factor VIII and Factor IX • D-Dimer • APTT mix <p>• Anti Xa</p> <p>Detection of infectious mononucleosis heterophile antibodies</p>	<p>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</p> <p>Sickle solubility assay by Clintech <u>HAE-BSPS-SOP-004</u></p> <p>TOSOH G11 <u>HAE-BSPS-SOP-2</u></p> <p>Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:</p> <p>Werfen TOPS 550 Mechanical clot detection</p> <p><u>AE-BSPS-SOP-301</u> <u>HAE-BSPS-SOP-303</u> <u>HAE-BSPS-SOP 302</u> <u>HAE-BSPS-SOP-304</u> <u>HAE-BSPS-SOP-305</u> <u>HAE-BSPS-SOP-311</u></p> <p>Chromogenic Assay: <u>HAE-BSPS-SOP-316</u></p> <p>Accusay Glandular fever kit. <u>HAE-HAE-BSPS-SOP-018</u></p>



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis:</u> Quantitative determination of:	Documented in house methods and manufacturer's instructions for:
Serum,	ACE	Abbott Alinity Ci Associated SOPs: <u>BIO- BSPS- SOP-043</u> <u>BIO- BSPS- SOP-040</u> <u>BS-BSPS-SOP-041</u> <u>BIO-WPH-SOP-013</u>
Serum Serum, Serum, Serum, Serum, Serum, Serum,	AFP CA-125 CA-153 CA-199 CEA HCG LH	Enzymatic kinetic assay Sandwich immunoassay
Serum,	Albumin	Abbott Alinity Ci Colorimetric BCG assay
Serum, Serum, Plasma, CSF Serum, Serum, Serum,	ALP Iron Lactate Lithium Total bilirubin Total protein	Colorimetric assay
Serum, urine,	Magnesium	Colorimetric endpoint assay
Serum, Serum, Urine Serum,	Alpha 1 Antitrypsin Haptoglobin Microalbumin Transferrin	Immunoturbidimetric assay
Urine, CSF	total protein	Turbidimetric assay
Serum, Serum, Serum, Serum,	ALT AST CK LDH	UV-kinetic assay



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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, urine,	Quantitative determination of (cont'd): Urea	Abbott Alinity Ci Kinetic assay
Plasma Serum, Serum, Serum, urine, Serum, Serum,	Ammonia Bicarbonate Bile acids Enzymatic Creatinine Paracetamol Salicylate	Enzymatic assay
Serum,	Ethanol	Enzymatic alcohol dehydrogenase assay
Serum, urine, Serum, Serum, Serum, Serum Serum, Serum, urine,	Amylase Cholesterol gGT HDL Lipase Triglyceride Uric Acid	Enzymatic colorimetric assay
, plasma, CSF	Glucose	Enzymatic Hexokinase UV assay
Serum, Serum, Serum, Serum, Serum, Serum, Serum, Serum, Serum, Serum, Serum, plasma Serum, Serum, Serum,	Anti-Mullerian Hormone (AMH) Ferritin Folate FSH hs Troponin T Nt Pro BNP Macroprolactin Procalcitonin Prolactin PSA PTH SHBG TSH Vitamin D (Total)	Sandwich immunoassay
Serum, urine,	Calcium	Colorimetric NM-BAPTA assay



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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:
	Quantitative determination of (cont'd):	Abbott Alinity Ci
Serum, Serum, Serum, Serum, Serum,	Carbamazepine Digoxin Phenytoin Theophylline Amikacin	KIMS assay
Serum, urine, Serum, urine, plasma Serum, urine, plasma	Chloride Potassium Sodium	ISE assay
Serum, Serum, Serum, Seru	Cortisol Free T3 Free T4 Methotrexate	Competitive immunoassay
Serum Serum, Serum, Serum, Serum,	DHEAS Oestradiol Progesterone Testosterone Vitamin B12	Competitive immunoassay
Serum,	CRP	Particle enhanced Immunoturbimetric assay
Serum,	Direct bilirubin	Diazo method
Serum, urine	Phosphate	Molybdate UV assay
Serum, Serum, Serum,	Tobramycin Vancomycin Gentamicin	Homogeneous enzyme immunoassay



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	Quantitative determination of (cont'd):	Abbott Alinity Ci
Urine	24-hour urine calcium output	Calculated test
Urine	24-hour urine creatinine output	
Urine	24-hour urine magnesium output	
Urine	24-hour urine phosphate output	
Urine	24-hour urine potassium output	
Urine	24-hour urine protein output	
Urine	24-hour urine sodium output	
Urine	24-hour urine urate output	
Urine	24-hour urine urea output	
Urine	Albumin: Creatinine Ratio	
Urine	Protein: Creatinine Ratio	
Serum,	Adjusted calcium	
Serum,	Creatinine Clearance	
Serum,	eGFR	
Serum,	Free Androgen Index	
Serum,	Globulin (Calculated)	
Serum,	LDL	
Serum,	Transferrin Saturation	
Serum,	AKI alerts	Alert 1, 2 or 3 based on creatinine results
Sweat	Sweat test Chloride	Sweat Chloride testing using Sherwood Sweat Chloride meter <u>SPS-SOP-038-APPENDIX-1</u>
Serum,	Macroprolactin	Manual method <u>BIO-BSPS-SOP-015</u>
EDTA plasma	Placental Growth Factor	Quidel Triage Meter Pro <u>BIO-FPH/RSFT/ASPH/WPH-SOP-001</u>
CSF	Xanthochromia	Northstar Bio-UV Spectrophotometer <u>BIO-RBH/WPH-SOP-013</u>



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Serum, urine, plasma	Osmolality	Advanced Osmometer OsmoPRO, freezing point depression method SOP BIO-BSPS-SOP-038
	Quantitative determination of:	Abbott Alinity Ci Associated SOPs:
		<u>BIO- BSPS- SOP043</u> <u>BIO- BSPS- SOP- 040</u> <u>BS-BSPS-SOP-041</u> <u>BIO-WPH-SOP-013</u>
Serum	Alpha-fetoprotein (AFP)	Sandwich immunoassay
Serum,	Free B human Chorionic Gonadotrophin (B-hCG)	
		Documented in-house methods to meet the requirements of the FASP screening programme as defined in the laboratory QA evidence requirements'. Accreditation for 1st Trimester screening:
Serum	Free Beta hCG	Brahms Kryptor – TRACE immunofluorescent assay
		<u>BIO-WPH-SOP-80</u>
	PAPP-A	
Serum	AMH Oncology HCG	Roche e411 analyser. Principle: <u>Electrochemiluminescence (ECL) technology.</u> <u>Sandwich immunoassays.</u> <u>BIO-WPH-SOP-025</u>
END		