


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>9732</p> <p>Accredited to ISO 15189:2022</p>	<p>Frimley Health NHS Foundation Trust</p> <p>Issue No: 015 Issue date: 13 November 2024</p>	
	<p>Frimley Park Hospital Portsmouth Road Frimley Camberley GU16 7UJ</p>	<p>Contact: Governance & Quality Department Tel: +44 (0) 1276 522194 / 01932 723424 E-Mail: fph-tr.bspsquality@nhs.net Website: https://www.berkshireandsurreypathologyservices.nhs.uk/</p>
<p>Testing performed by the Organisation at the locations specified below</p>		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
<p>Address Frimley Park Hospital Portsmouth Road Frimley Camberley GU16 7UJ</p> <p>Local contact As above</p>	Chemistry	FPH
<p>St Peter's Hospital Guildford Road Lyne Chertsey KT16 0PZ</p> <p>As above</p>	Chemistry	SPH
<p>Royal Surrey County Hospital Guildford GU2 7XX</p> <p>As above</p>	Chemistry	RSCH
<p>Royal Surrey County Hospital Guildford GU2 7XX</p> <p>As above</p>	SAS Service for Peptide Hormones (PH)	RSCH (PH)
<p>SAS Trace Elements Centre 15 Frederick Sanger Road Guildford Surrey GU2 7YD</p> <p>As above</p>	SAS Service for Trace Elements	TEXP
<p>Bowel Cancer Screening Centre Surrey Research Park 20 Priestley Road Guildford Surrey GU2 7YS</p> <p>As above</p>	Bowel screening	BCSC



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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>Biochemistry examination activities for the purpose of clinical diagnosis</u>	In house documented methods incorporating Abbott Alinity ci manufacturers' instructions as required. Measurement by colorimetric, turbidometric, immunoturbidometric, enzymatic, immunoassay, and indirect ion-selective electrode	
Serum	Quantification of: Albumin	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Alkaline Phosphatase	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Alpha 1 Antitrypsin	BIO-BSPS-SOP-040	FPH
Serum	Alpha-fetoprotein (AFP)	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Alanine Aminotransferase (ALT)	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Amikacin	BIO-BSPS-SOP-040	FPH
Lithium Heparin Plasma	Ammonia	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum, urine	Amylase	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Apolipoprotein A1 (Apo A1)	BIO-BSPS-SOP-040	RSCH
Serum	Apolipoprotein B (Apo B)	BIO-BSPS-SOP-040	RSCH



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	In house documented methods incorporating Abbott Alinity ci manufacturers' instructions as required. Measurement by colorimetric, turbidometric, immunoturbidometric, enzymatic, immunoassay, and indirect ion-selective electrode	
	Quantification of: (cont'd)		
Serum	Asparate Aminotransferase (AST)	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Bile acids (Total)	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Bilirubin (Direct)	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Bilirubin (Total)	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	CA 125	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	CA 15-3	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	CA 19-9	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Caeruloplasmin	BIO-BSPS-SOP-040	RSCH
Serum, urine	Calcium	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Carbamazepine	BIO-BSPS-SOP-040	FPH, RSCH, SPH



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating Abbott Alinity ci manufacturers' instructions as required. Measurement by colorimetric, turbidometric, immunoturbidometric, enzymatic, immunoassay, and indirect ion-selective electrode	
Serum	Quantification of: (cont'd) Bicarbonate (Carbon Dioxide)	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Carcinoembryonic antigen (CEA)	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum, urine	Chloride	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Cholesterol	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Cortisol	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	C-Reactive Protein (CRP)	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	hsCRP (High Sensitive C-Reactive Protein)	BIO-BSPS-SOP-040	RSCH
Serum	Creatine Kinase	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum, urine	Creatinine	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Dehydroepiandrosterone sulfate (DHEA-S)	BIO-BSPS-SOP-040	FPH



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	Quantification of: (cont'd)		
Serum	Digoxin	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Estradiol	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Ethanol	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Follicle Stimulating Hormone (FSH)	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum, Plasma	Fructosamine	BIO-BSPS-SOP-040	FPH
Serum	Gamma Glutamyl Transferase (GGT)	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Gentamicin	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Fluoride Oxalate Plasma, CSF,	Glucose	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Plasma	Homocysteine	BIO-BSPS-SOP-040	FPH RSCH
Serum	Beta hCG (Total)	BIO-BSPS-SOP-040	FPH, RSCH, SPH



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Serum	Quantification of: (cont'd) High-density lipoprotein HDL	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Iron	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Lactate Dehydrogenase (LDH)	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Plasma, CSF	Lactic Acid	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Lipase	BIO-BSPS-SOP-040	FPH
Serum	Lipoprotein (a)	BIO-BSPS-SOP-040	RSCH
Serum	Lithium	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Luteinizing Hormone (LH)	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum, urine	Magnesium	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Urine	Microalbumin	BIO-BSPS-SOP-040	FPH, RSCH, SPH



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Serum	Quantification of: (cont'd) (Beta 2) Microglobulin	BIO-BSPS-SOP-040	SPH
Serum	NT-pro BNP	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Paracetamol	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Parathyroid hormone PTH (intact)	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Phenytoin	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum, urine	Phosphate	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum, urine	Potassium	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Progesterone	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Prolactin	BIO-BSPS-SOP-040	FPH, RSCH, SPH



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Serum	Quantification of: (cont'd) Prostate-specific antigen (PSA) (Total)	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Salicylate	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Sex Hormone Binding Globulin (SHBG)	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum, urine	Sodium	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Testosterone	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Theophylline	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Thyroid stimulating hormone (TSH)	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Thyroglobulin	BIO-BSPS-SOP-040	RSCH
Serum	Thyroglobulin Antibodies	BIO-BSPS-SOP-040	RSCH
Serum	Thyroxine T4 (Free)	BIO-BSPS-SOP-040	FPH, RSCH, SPH



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Serum, Urine, CSF	Quantification of: (cont'd) Total Protein	BIO-BSPS-SOP-040	FPH RSCH SPH
Serum	Tobramycin	BIO-BSPS-SOP-040	FPH
Serum	Transferrin	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Triglyceride	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Triiodothyronine T3 (Free)	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Troponin I (STAT high sensitivity)	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum, urine	Uric acid	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum, urine	Urea Nitrogen	BIO-BSPS-SOP-040	FPH, RSH, SPH
Serum	Valproate	BIO-BSPS-SOP-040	SPH
Serum	Vancomycin	BIO-BSPS-SOP-040	FPH, RSCH, SPH



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Serum	Quantification of: (cont'd) 25 Hydroxy Vitamin D	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Macroprolactin	PEG precipitation followed by two step immunoassay BIO-BSPS-SOP-015	FPH, RSCH, SPH
Serum	The following* examinations generate analyser results intended for patient care, but are reported by an associated laboratory (9738) under agreement: Ferritin*	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Folate*	BIO-BSPS-SOP-040	FPH, RSCH, SPH
Serum	Vitamin B12*	BIO-BSPS-SOP-040	FPH, RSCH, SPH



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Serum	Derived Results (calculations): AKI	BIO-BSPS-SOP-040 using Clinisys Winpath	FPH, RSCH, SPH
Serum	eGFR – CKD-EPI calculation	BIO-BSPS-SOP-040 using Clinisys Winpath	FPH, RSCH, SPH
Serum	Adjusted calcium	BIO-BSPS-SOP-040 using Clinisys Winpath	FPH, RSCH, SPH
Serum	Cholesterol:HDL ratio	BIO-BSPS-SOP-040 using Clinisys Winpath	FPH, RSCH, SPH
Serum, EDTA whole blood	FIB-4 (Calculated)	BIO-BSPS-SOP-040 using Clinisys Winpath	FPH, RSCH, SPH
Serum	Non-HDL cholesterol	BIO-BSPS-SOP-040 using Clinisys Winpath	FPH, RSCH, SPH
Serum	LDL cholesterol (calculated)	BIO-BSPS-SOP-040 using Clinisys Winpath	FPH, RSCH, SPH
Serum	Iron saturation	BIO-BSPS-SOP-040 using Clinisys Winpath	FPH, RSCH, SPH
Urine	24h urine excretion (may be used for any urine analyte)	BIO-BSPS-SOP-040 using Clinisys Winpath	FPH, RSCH, SPH



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating Abbott Alinity ci manufacturers' instructions as required Measurement by colorimetric, turbidometric, immunoturbidometric, enzymatic, immunoassay, and indirect ion-selective electrode	
Urine	Derived Results (calculations): Urine protein:creatinine ratio urine	BIO-BSPS-SOP-040 using Clinisys Winpath	FPH, RSCH, SPH
Urine	Urine albumin:creatinine ratio (microalbumin)	BIO-BSPS-SOP-040 using Clinisys Winpath	FPH, RSCH, SPH
Urine	Creatinine clearance	BIO-BSPS-SOP-040 using Clinisys Winpath	FPH, RSCH, SPH
Urine	Calcium:creatinine clearance ratio	BIO-BSPS-SOP-040 using Clinisys Winpath	FPH, RSCH, SPH
Serum	Post-PEG prolactin	BIO-FPH/ASPH-SOP-001 using Clinisys Winpath	SPH
Serum	Free Androgen Index	BIO-BSPS-SOP-040 using Clinisys Winpath	FPH, RSCH, SPH
Serum	Free Testosterone	BIO-BSPS-SOP-040 using Clinisys Winpath	FPH, RSCH, SPH
Sweat	Chloride	Titration on the Sherwood 926s chloride meter BIO-FPH/ASPH-SOP-020	FPH, SPH



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions as required	
EDTA whole blood	HbA1c	Ion exchange HPLC on the Tosoh G11 BIO-FPH/WPH-SOP-050	FPH
Serum, Urine	Osmolality	Freezing point depression on the Advanced Instruments Micro-Osmometer BIO-BSPS-SOP-038	FPH, RSCH, SPH
CSF	Xanthochromia	Spectrophotometric using the Uvikon XL spectrophotometer FPH/RSFT/ASPH-021	FPH, SPH RSCH
Serum, Lithium Heparin plasma	Insulin	Mercodia Iso-insulin Enzyme Linked Immunosorbent Assay (ELISA), PEP-RSCH-SOP-00605	RSCH (PH)
Serum, Lithium Heparin plasma	C-Peptide	Mercodia ELISA (manual), PEP-RSCH-SOP-00619	RSCH (PH)
Serum	C-Peptide	Mercodia ELISA on Launch DS2 platform PEP-RSFT-SOP-00667	RSCH (PH)
Urine	C-Peptide	Mercodia ELISA (manual & DS2) PEP-RSFT-SOP-00619 PEP-RSFT-SOP-00667	RSCH (PH)
Serum, Lithium Heparin plasma	Proinsulin	Mercodia ELISA, PEP-RSCH-SOP-00609	RSCH (PH)
Serum	Growth Hormone	IDS iSYS, chemiluminescence, PEP-RSFT-SOP-00159	RSCH (PH)
Serum	Insulin like Growth factor - I	IDS iSYS, chemiluminescence, PEP-RSFT-SOP-00159	RSCH (PH)
Serum	Insulin like Growth factor - II	In -house competitive radioimmunoassay (RIA), PEP-RSCH-SOP-00611	RSCH (PH)



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions as required	
Serum	Gastrin	DiaSource Gastrin RIA kit Radioimmunoassay PEP-RSFT-SOP-00614	RSCH (PH)
Serum	IGF-BP3	IDS iSYS, chemiluminescence, PEP-RSCH-SOP-00722	RSCH (PH)
Serum	IgG Insulin Antibodies	Biomerica Isletest ELISA, PEP-RSFT-SOP-00159	RSCH (PH)
Serum	β Hydroxybutyrate	Spectrophotometric using the Thermo Scientific Multiskan Skyhigh spectrophotometer , PEP-RFST-SOP-00613	RSCH (PH)
Whole Blood (EDTA)	Cyclosporine A Sirolimus Tacrolimus	Using Waters Aquity UPLC and Xevo TQ-XS Mass Spectrometer. Analysis by LC MS/MS. SOP: LCMS-RSCH-SOP-0004	TEXP
Serum, Urine	Sulphonylureas	Using Waters Aquity UPLC and Xevo TQ-XS Mass Spectrometer. Analysis by LC MS/MS. SOP: LCMS-RSCH-SOP-0004	TEXP
Urine	5-Hydroxyindoleacetic Acid (5-HIAA)	Using Waters Aquity UPLC and Xevo TQ-XS mass spectrometer Analysis by LC-MSMS LCMS-RSCH-SOP-0018	TEXP
All trace element matrices	Multi-elemental analysis of blood, serum and urine by ICP-MS	Inductively coupled plasma mass spectrometry (ICP-MS) Thermo iCap-Q TRACE-RSCH-SOP-48	TEXP
Serum, plasma, water	Aluminium	TRACE-RSCH-SOP-20	TEXP
Blood, urine	Arsenic	TRACE-RSCH-SOP-33, TRACE-RSCH-SOP-11	TEXP
Blood, urine	Cadmium	TRACE-RSCH-SOP-14, TRACE-RSCH-SOP-11	TEXP



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions as required	
Blood, serum, plasma, urine, hip fluids/aspirates	Chromium	TRACE-RSCH-SOP-18, TRACE-RSCH-SOP-11	TEXP
Blood, serum, plasma, urine, hip fluids/aspirates	Cobalt	TRACE-RSCH-SOP-18, TRACE-RSCH-SOP-11	TEXP
Serum, plasma, urine, solid samples	Copper	TRACE-RSCH-SOP-16, TRACE-RSCH-SOP-11	TEXP
Urine	Iron	TRACE-RSCH-SOP-25, TRACE-RSCH-SOP-11	TEXP
Blood, urine	Lead	TRACE-RSCH-SOP-14, TRACE-RSCH-SOP-11	TEXP
Blood	Magnesium	TRACE-RSCH-SOP-24	TEXP
Red cells - calculated	Magnesium	TRACE-RSCH-SOP-24	TEXP
Blood,, urine	Manganese	TRACE-RSCH-SOP-14	TEXP
Blood, urine	Mercury	TRACE-RSCH-SOP-23, TRACE-RSCH-SOP-11	TEXP
Serum, plasma, urine	Molybdenum	TRACE-RSCH-SOP-21	TEXP
Blood, serum, plasma, urine	Antimony, Bismuth, Nickel, Platinum, Vanadium	TRACE-RSCH-SOP-15	TEXP
Serum, plasma, urine	Selenium	TRACE-RSCH-SOP-17	TEXP
Blood, urine	Silver	TRACE-RSCH-SOP-19	TEXP
Blood, urine	Thallium	TRACE-RSCH-SOP-22	TEXP
Serum, plasma, urine	Zinc	TRACE-RSCH-SOP-16	TEXP
Blood, serum, plasma, urine, solid samples	Multi-element analysis of specific elements and scan from atomic numbers 3 to 85	TRACE-RSCH-SOP-11	TEXP



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Faeces	Faecal Immunochemical Testing (FIT) for quantification of human globin	Using Latex Agglutination on the OC-Sensor Pledia for PHE screening purposes SOP: BCSP-RSCH-SOP-102	BCSC
Faeces	Faecal Immunochemical Testing (FIT) for quantification of human globin	Using Latex Agglutination on the OC-Sensor Pledia for testing of referred symptomatic patients SOP: BIO-RFST-SOP-031	RSCH
Renal calculi	Semi-qualitative measurement of inorganic and organic compounds	Fourier Transform Infa-Red Spectroscopy on the Perkin Elmer Spectrum 2 analyser SOP: BIO-ASPH-SOP-56	SPH
Plasma	Placental Growth Factor (PLGF)	One step fluorescence IA using Quidel Triage MeterPro BIO-FPH/RSH/SPH/WPH-SOP-001	FPH, RSCH, SPH
END			