


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 UKAS MEDICAL 8676 Accredited to ISO 15189:2022	Sherwood Forest Hospitals NHS Foundation Trust	
	Issue No: 009 Issue date: 21 February 2025	
	King's Mill Hospital Mansfield Road Sutton in Ashfield Nottinghamshire NG17 4JL	Contact: Jacqueline Varley Tel: +44 (0) 1623 622515 ext 2537 E-Mail: jacqueline.varley2@nhs.net Website: http://www.sfh-tr.nhs.uk
Testing performed by the Organisation at the locations specified below		

Locations covered by the organisation and their relevant activities

Site activities performed away from the locations listed above:

Location details	Activity
Pathology Laboratory Newark Hospital Boundary Road Newark Nottinghamshire NG24 4DE	Local contact Jacqueline Varley (Details as above) 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>Biochemistry examinations for the purposes of clinical diagnosis</u>	In-house documented procedures based on equipment manuals as relevant
Serum or plasma	Determination of: Albumin Alcohol Bile acids Calcium Conjugated Bilirubin Iron Lithium Magnesium Phosphate Total Bilirubin Total Protein	Using the Roche Cobas c702: SFHKCC-BN-ACC054 SFHKCC-BN-ACC055 SFHKCC-LP-ACC145 Colorimetric
Serum or plasma	Total Alkaline Phosphatase ALT Ammonia Amylase AST Bicarbonate CK Creatinine Lactate LDH Salicylate Triglycerides Uric Acid Urea	Enzymatic
Urine	Amylase Creatinine Urate Urea	Enzymatic
Serum or plasma. CSF	Glucose	Enzymatic



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examinations for the purposes of clinical diagnosis (cont'd)</u>	In-house documented procedures based on equipment manuals as relevant
Serum or plasma	Cholesterol Gamma GT HDL Cholesterol Paracetamol	Using the Roche Cobas c702: SFHKCC-BN-ACC054 SFHKCC-BN-ACC055 SFHKCC-LP-ACC144 SFHKCC-LP-ACC145 Enzymatic, Colorimetric
Serum or plasma	Determination of: Valproate	Homogeneous Enzyme Immunoassay
Serum	Alpha 1 antytrypsin Beta 2 Microglobulin Caeruloplasmin Haptoglobin C-Reactive Protein	Immunoturbidometric
Serum or plasma	C3 C4 IgA IgG IgM Rheumatoid Factor Transferrin	
Urine	Albumin	Immunoturbidometric
Serum or plasma, urine	Potassium Sodium	Indirect ISE
	Carbamazepine Gentamicin Phenytoin Theophylline Vancomycin	Microparticle Agglutination
Urine	Total Protein	Turbidometric
CSF	Protein	Turbidometric
CSF	CSF Lactate	Enzymatic



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examinations for the purposes of clinical diagnosis (cont'd)</u>	In-house documented procedures based on equipment manuals as relevant
Serum or plasma	Determination of: AFP (Tumour Marker) CA 125 CA 153 CA 199 CEA FSH NT proBNP Pregnancy HCG Prolactin Prostate Specific Antigen PTH Serum Ferritin Total HCG Troponin T TSH ACTH Human Growth Hormone IGF1 P1NP	Using the Roche e801: SFHKCC-BN-ACC056 SFHKCC-BN-ACC057 SFHKCC-LP-ACC144 SFHKCC-LP-ACC145 Sandwich Immunoassay
Plasma Serum Blood	Beta Crosslaps SHBG Procalcitonin	
Serum Serum or plasma	Determination of: aTPO 25 Hydroxyvitamin D Cortisol Digoxin FT3 FT4 LH Oestradiol Progesterone Serum Folate Testosterone Vitamin B12 DHEAS	Using the Roche e801: SFHKCC-BN-ACC056 SFHKCC-BN-ACC057 SFHKCC-LP-ACC144 SFHKCC-LP-ACC145 Competitive Immunoassay



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examinations for the purposes of clinical diagnosis (cont'd)</u>	In-house documented procedures based on equipment manuals as relevant
Serum, urine	Osmolality	Advanced Instrument Micro Osmometer 3320 using suppliers' methods and measurement by freezing point depression Manual Chemistry: SFHKCC-LP-MCC009 Sebia HYDRASYS system using suppliers' methods and measurement by electrophoresis & immunofixation
Urine	Bence-Jones Protein, confirmation and typing	Sebia: SFHKCC-LP-MCC010
Serum	Protein electrophoresis – paraprotein bands and identification	Capillary electrophoresis using Sebia Capillarys: SFHKCC-LP-MCC010
Whole Blood	Determination of Haemoglobin A1c by HPLC	Using TOSOH G11 and SOP SFHKCC-LP-RBI022
CSF	Xanthochromia	Uvikon Spectrophotometer SFHKCC-LP-MCC013
Sweat	Conductivity and chloride measurement	Wescor 3700 SYS Macroduct Sweat Chloride meter, Sherwood MK2 926S chloride meter and Wescor 3120 Sweat•Chek Conductivity Analyser using SFHKCC-LP-MCC002



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examinations for the purposes of clinical diagnosis</u>	In-house documented procedures based on equipment manuals as relevant
Serum	Detection of CCP Antibodies	Phadia 250 Immunocap Fluorezyme Immunoassay using SOP SFHKCC-LP-IMM001
Serum	Detection of Anti-Tissue Transglutaminase	Phadia 250 Immunocap using SOP SFHKCC-LP-IMM005
Faeces	Detection of faecal calprotectin	Phadia 250 Immunocap using SOP SFHKCC-LP-IMM005
END		