


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL 8910</p> <p>Accredited to ISO 15189:2012</p>	<p>University Hospitals Birmingham NHS Foundation Trust</p> <p>Issue No: 017 Issue date: 03 December 2021</p>	
	<p>Department of Biochemistry Queen Elizabeth Hospital Mindelsohn Way Edgbaston Birmingham B15 2WB</p>	<p>Contact: Helen Peat Tel: +44 (0)121 371 5963 E-Mail: Helen.Peat@uhb.nhs.uk Website: http://www.uhb.nhs.uk/</p>
<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>Biochemistry examination activities for the purposes of clinical diagnosis:</u>	In house documented procedures based on equipment manuals and CITS.S200 Abbott Alinity ci series Standard Operating Procedure:
EDTA Plasma	Ammonia	Measurement by colorimetric, turbidometric, immunoturbidometric, enzymatic, immunoassay, and indirect ionselective electrode methods
Plasma	PTH	
	Ethanol	
	Glucose	
Serum	25-OH Vitamin D	
	A1AT	
	aFP	
	Albumin	
	ALP	
	ALT	
	Amikacin	
	Amylase	
	AST	
	B12	
	Bilirubin (Direct)	
	Bilirubin (Total)	
	CA125	
	CA153	
	CA199	
	Caeruloplasmin	
	Calcium	
	Carbamazepine	
	CEA	
	Cholesterol	
	Cortisol	



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum</p>	<p><u>Biochemistry examination activities for the purposes of clinical diagnosis: (cont'd)</u></p> <p>Creatine kinase Creatinine CRP DHAS Digoxin Ferritin Folate Free T3 Free T4 Fructosamine FSH gGT Haptoglobin hCG HDL Iron LDH Lithium LH Magnesium Methotrexate NTproBNP Oestradiol Paracetamol Phenytoin Phosphate Potassium Progesterone Prolactin PSA Salicylate SHBG Sodium Theophylline Total CO2</p>	<p>In house documented procedures based on equipment manuals and CITS.S200 Abbott Alinity ci series Standard Operating Procedure:</p> <p>Measurement by colorimetric, turbidometric, immunoturbidometric, enzymatic, immunoassay, and indirect ionselective electrode methods</p>



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis: (cont'd)</u>	In house documented procedures based on equipment manuals and CITS.S200 Abbott Alinity ci series Standard Operating Procedure: Measurement by colorimetric, turbidometric, immunoturbidometric, enzymatic, immunoassay, and indirect ion selective electrode methods
CSF	Total protein Transferrin Triglycerides Troponin I TSH Urate Urea	
Urine	Glucose Total Protein	
Serum	Albumin Calcium, Creatinine, Phosphate, Potassium, Sodium Total Protein Urea	
Serum/Lithium Heparin plasma	Gentamycin Vancomycin	
Serum/Lith Hep Plasma	Chloride Macroprolactin	PEG ppt and Alinity i sandwich immunoassay
	Human Growth Hormone (hGH)	IDS_iSYS Analyser, Sandwich Immunoassay, CEN_S084
	Insulin-like Growth Factor 1 Assay	Chemiluminescence immunoassay CEN_S089
	Insulin-like Growth Factor BP3 Assay	Chemiluminescence immunoassay CEN_S083
		Chemiluminescence immunoassay CEN_S086



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>EDTA plasma</p> <p>Faeces</p> <p>Serum/Urine</p> <p>CSF</p> <p>Serum</p>	<p><u>Biochemistry examination activities for the purposes of clinical diagnosis: (cont'd)</u></p> <p>Renin</p> <p>Calprotectin</p> <p>Osmolality</p> <p>Xanthochromia</p> <p>Alpha Subunits (ASU)</p>	<p>In house documented procedures based on equipment manuals and CITS.S200 Abbott Alinity ci series Standard Operating Procedure:</p> <p>Measurement by colorimetric, turbidometric, immunoturbidometric, enzymatic, immunoassay, and indirect ionselective electrode methods</p> <p>Chemiluminescence immunoassay CEN_S085</p> <p>Buhlmann fCal Turbo kit on Abbott Alinity C unit analyser. CSA_S067</p> <p>Advanced Micro Osmometer 3300</p> <p>Freezing point depression. CRA_S007</p> <p>Northstar Scientific UVIKON XS spectrophotometer</p> <p>Spectrophotometric scan. CSA_S002</p> <p>Radioimmunoassay (Wallac/LKB Multigamma counter) CEN_S041</p>



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis:(cont'd)</u>	In house documented procedures based on equipment manuals and standard methods as specified below:
Serum	Sodium	Documented in-house methods and manufacturer's operating instructions for as specified to support clinical diagnosis: CITS.S203 Testing of Direct Sodium using the Abbott iSTAT LC/MS/MS Sciex 6500 Triple Quad with Shimadzu LC analyser
Serum/EDTA Plasma	Aldosterone	CCH_S020
EDTA Whole Blood	Immunosuppressants: Sirolimus; Everolimus	CCH_S002
Serum	Lyso GB3	CCH_S027
Serum/Lith Hep Plasma	Steroid profile: Testosterone, 17-OH-Progesterone; D4 Androstenedione	CCH_S024 LC/MS/MS Waters Acquity, Sciex 6500 Triple Quad with Shimadzu LC analyser
EDTA whole blood	Immunosuppressants: Tacrolimus; cyclosporin	CCH_S002 LC/MS/MS Waters Acquity
Saliva	Salivary Cortisol	CCH_S009



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Faeces</p> <p>Urine</p> <p>Results from above</p>	<p><u>Biochemistry examination activities for the purposes of clinical diagnosis:(cont'd)</u></p> <p>Faecal Pancreatic Elastase 1</p> <p>Urine pH</p> <p>Derived Calculations:</p> <p>Albumin to Creatine Ratio ACR (U)</p> <p>Calcium - Adjusted</p> <p>Calcium Excretion (Urine collection, 24hr)</p> <p>Creatinine Excretion (Urine collection, 24hr)</p> <p>Creatinine Clearance</p> <p>Globulin</p> <p>LDL-Cholesterol</p> <p>Phosphate Excretion (24hr urine collection)</p> <p>Potassium Excretion (Urine Collection 24hr)</p> <p>Sodium Excretion (24hr urine collection)</p>	<p>In house documented procedures based on equipment manuals and standard methods as specified below:</p> <p>ScheboBiotech ELISA CSA_S053</p> <p>HPLC with ECD</p> <p>pH meter CEN_S079</p> <p>AAA_S017</p>



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis:(cont'd)</u>	In house documented procedures based on equipment manuals and standard methods as specified below:
Results from above	Derived Calculations: Transferrin Saturation Urea Excretion (Urine Collection, 24hr)	AAA_S017
END		