


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 9574 Accredited to ISO 15189:2012	Gloucestershire Hospitals NHS Foundation Trust	
	Issue No:006 Issue date: 20 September 2023	
	Department of Clinical Biochemistry Gloucestershire Royal Hospital Great Western Road Gloucester Gloucestershire GL1 3NN	Contact: Linford Rees Tel: +44 (0)3004 225 385 E-Mail: linford.rees@nhs.net Website: www.gloshospitals.nhs.uk
Testing performed by the Organization at the locations specified below		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details:	Activity:	Location code
Address: Department of Clinical Biochemistry Gloucestershire Royal Hospital Great Western Road Gloucester Gloucestershire GL1 3NN Contact: Linford Rees	Clinical Biochemistry	A
Address: Department of Clinical Biochemistry Cheltenham General Hospital Sandford Road Cheltenham Gloucestershire GL53 7AN Contact: Linford Rees	Clinical Biochemistry	B



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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>	Manufacturer's instructions for equipment and kits where relevant in conjunction with in-house procedures:	
Serum or plasma unless otherwise stated	Quantitation of:	Roche Cobas ISE/c702/c702 and e801(long line) and ISE/ c702 and e801 (short line)	A
		Roche Cobas c501/c501/e601 and c501	B
	Albumin	CHSOPR010 Colourimetric	A, B
Urine	Albumin	CHSOPR041 Immunoturbidimetric	A, B
	Alkaline phosphatase	CHSOPR011 Colourimetric	A, B
	Alanine transaminase	CHSOPR012 Catalytic activity	A, B
	Ammonia	CHSOPR035 Enzymatic method with glutamate dehydrogenase	A
	Amylase	CHSOPR019 Enzymatic colourimetric	A, B
Urine	Amylase	CHSOPR019 Enzymatic colourimetric	A
	Aspartate Aminotransferase	CHSOPR022 Catalytic activity/enzymatic	A, B
	Bicarbonate	CHSOPR038 Colourimetric	A, B



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Serum or plasma unless otherwise stated	Quantitation of:	Roche Cobas ISE/c702/c702 and e801(long line) and ISE/ c702 and e801 (short line)	A
		Roche Cobas c501/c501/e601 and c501	B
	Bile acids	CHSOPR040 Enzymatic	A
	Calcium	CHSOPR006 Colourimetric	A, B
Urine	Adjusted Calcium	CHSOPR006 Calculated parameter	A, B
	Calcium	CHSOPR006 Colourimetric	A
	Chloride	CHSOPR002 Indirect ISE	A, B
	Cholesterol	CHSOPR015 Enzymatic colourimetric	A
	Creatine kinase	CHSOPR021 UV-test	A, B
Urine	Creatinine	CHSOPR004 Enzymatic	A, B
	Creatinine	CHSOPR004/045 Enzymatic	A, B
	AKI	CHMN027 Calculated parameter	A, B



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Serum or plasma unless otherwise stated (cont'd)	Quantitation of: (cont'd)	Roche Cobas ISE/c702/c702 and e801(long line) and ISE/ c702 and e801 (short line)	A	
		Roche Cobas c501/c501/e601 and c501	B	
	eGFR	CHMN027 Calculated parameter CKD-EPI	A, B	
	Conjugated Bilirubin	CHSOPR014 Diazo method	A	
	C reactive protein	CHSOPR020 Particle enhanced Immunoturbidimetric assay	A, B	
	Ethanol	CHSOPR033 Enzymatic using alcohol dehydrogenase	A, B	
	Gamma Glutamyl transferase (GGT)	CHSOPR037 Enzymatic assay	A, B	
	Glucose	CHSOPR005 Hexokinase method	A, B	
	CSF	Glucose	CHSOPR039 Hexokinase method	A
		High density lipoprotein (HDL)	CHSOPR017 Homogeneous enzymatic colourimetric method	A
	Insulin Like Growth Factor-1 (IGF-1)	CHSPOR-111 Sandwich ECLIA	A	



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Serum or plasma unless otherwise stated (cont'd)	Quantitation of: (cont'd)	Roche Cobas ISE/c702/c702 and e801(long line) and ISE/ c702 and e801 (short line)	A
		Roche Cobas c501/c501/e601 and c501	B
CSF	Iron	CHSOPR036 Ferrozine method	A
	Lactate	CHSOPR034 Enzymatic colourimetric	A, B
	Lactate	CHSOPR034 Colourimetric assay	A
	Lactate dehydrogenase	CHSOPR023 Optimised standard method acc IFCC	A, B
	Lithium	CHSOPR032 Colourimetric method	A
Urine	Magnesium	CHSOPR007 Colourimetric endpoint	A, B
	Magnesium	CHSOPR007 Colourimetric endpoint	A
	Salicylate	CHSOPR028 Enzymatic assay	A, B
	Paracetamol	CHSOPR029 Colourimetric assay	A, B
	Phosphate	CHSOPR008 Molybdate UV	A, B



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Serum or plasma unless otherwise stated (cont'd)	Quantitation of: (cont'd)	Roche Cobas ISE/c702/c702 and e801(long line) and ISE/ c702 and e801 (short line)	A
		Roche Cobas c501/c501/e601 and c501	B
Urine	Phosphate	CHSOPR008 Molybdate UV	A
	Potassium	CHSOPR002 Indirect ISE	A, B
Urine	Potassium	CHSOPR045 Indirect ISE	A, B
Urine	Protein	CHSOPR042 Turbidimetric	A, B
CSF	Protein	CHSOPR039 Turbidimetry	A
	Sodium	CHSOPR002 Indirect ISE	A, B
Urine	Sodium	CHSOPR045 Indirect ISE	A, B
	Soluble fms-like tyrosine kinase-1 (sFlt-1)	CHSOPR-112 Sandwich ECLIA	A
	Placental Growth Factor (PIGF)	CHSOPR-112 Sandwich ECLIA	A
	PIGF/sFlt-1 Ratio	CHSOPR-112 Calculated Test	A
Whole blood lysed	Tacrolimus	CHGN128 Competitive ECLIA	A
	Thyroglobulin (Tg)	CHSOPR-113 Sandwich ECLIA	B
	Anti-Thyroglobulin (TgAb)	CHSOPR-113 Sandwich ECLIA	B



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Serum or plasma unless otherwise stated (cont'd)	Quantitation of: (cont'd)	Roche Cobas ISE/c702/c702 and e801(long line) and ISE/ c702 and e801 (short line)	A	
		Roche Cobas c501/c501/e601 and c501	B	
		Transferrin	CHSOPR036 Immunoturbidimetric	A
		Total Protein	CHSOPR009 Colourimetric	A, B
		Total Bilirubin	CHSOPR013 Colourimetric Diazo method	A, B
		Triglyceride	CHSOPR016 Enzymatic colourimetric	A
		Urate	CHSOPR018 Enzymatic colourimetric	A, B
Urine	Urate	CHSOPR018 Enzymatic colourimetric	A	
	Urea	CHSOPR003 Kinetic assay	A, B	
Urine	Urea	CHSOPR045 Kinetic analysis	A	
	Gentamicin	CHSOPR026 Homogeneous enzyme immunoassay (CEDIA)	A, B	
	Tobramycin	CHSOPR027 Homogeneous enzyme immunoassay (CEDIA)	A	



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Serum or plasma unless otherwise stated (cont'd)	Quantitation of: (cont'd)	Roche Cobas ISE/c702/c702 and e801(long line) and ISE/ c702 and e801 (short line)	A	
		Roche Cobas c501/c501/e601 and c501	B	
	Vancomycin	CHSOPR068 Homogeneous enzyme immunoassay (CEDIA)	A	
	Carbamazepine	CHSOPR025 Homogeneous microparticle agglutination assay	A	
	Phenytoin	CHSOPR024 Kinetic interaction of microparticles in solution (KIMS)	A	
	Theophylline	CHSOPR031 Kinetic interaction of microparticles in solution (KIMS)	A	
	Serum	Quantitation of:	Roche Cobas e801 (Gloucester) and e601 (Cheltenham) electrochemiluminescence using in-house procedures:	
		Cortisol	CHSOPR047 Competition principle	A
		Follicle Stimulating hormone	CHSOPR053 Sandwich principle	A
		Free T3	CHSOPR050 Competition principle	A
	Free T4	CHSOPR050 Competition principle	A	



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)</u>	Manufacturer's instructions for equipment and kits where relevant in conjunction with in-house procedures:	
Serum (cont'd)	Quantitation of: (cont'd)	Roche Cobas e801 (Gloucester) and e601 (Cheltenham) electrochemiluminescence using in-house procedures:	
	Growth hormone	CHSOPR080 Sandwich principle	B
	Luteinizing hormone	CHSOPR053 Sandwich principle	A
	Oestradiol	CHSOPR057 Competition principle	A, B
	Progesterone	CHSOPR052 Competition principle	A
	Prolactin	CHSOPR053 Sandwich principle	A
	Parathyroid Hormone	CHSOPR059 Sandwich principle	A
	Sex Hormone Binding globulin	CHSOPR058 Sandwich principle	A
	Testosterone	CHSOPR056 Competition principle	A
	Thyroid stimulating hormone	CHSOPR050 Sandwich principle	A
	Digoxin	CHSOPR030 Competition principle	A
	Procalcitonin	CHSOPR078 Sandwich principle	A
	Troponin T	CHSOPR046 Sandwich principle	A, B



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Serum (cont'd)	Quantitation of: (cont'd)	Roche Cobas e801 (Gloucester) and e601 (Cheltenham) electrochemiluminescence using in-house procedures:	
	Vitamin D	CHSOPR088 Competition principle	A
	Alpha feto protein	CHSOPR063 Sandwich principle	B
	CA125	CHSOPR060 Sandwich principle	B
	CA-15-3	CHSOPR075 Sandwich principle	B
	CA 19-9	CHSOPR061 Sandwich principle	B
	Carcino-embryonic antigen (CEA)	CHSOPR062 Sandwich Principle	B
	Total Prostate specific antigen	CHSOPR055 Sandwich principle	A
	Beta HCG	CHSOPR048 Sandwich principle	A, B
	Quantification of:	Advanced Micro Osmometer OsmoPro freezing point depression analysis and in-house procedure:	
Serum & Urine	Osmolality	CHMN001	A



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Whole blood (EDTA)	Detection and quantification of: HbA1c	Menarini 9210 Premier analyser Boron affinity chromatography and in-house procedure: CHMN030	A
Faeces	Calprotectin	Dynex DS2 Enzyme linked Immunosorbent assay (ELISA) and in-house procedure: CHMN033	A
Sweat	Sweat chloride	Wescor Macroduct sweat collection system and Sherwood 926S chloride analyser coulometric titration using in-house procedure:	A
CSF	CSF Xanthochromia	CHMN011 Northstar Bio-UV UVIKON XL Spectrophotometer- Spectrophotometry CHGN027	A
END			