


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 9062 Accredited to ISO 15189:2022	NHS Lanarkshire	
	Issue No: 010 Issue date: 20 March 2025	
	NHS Lanarkshire Head Quarters Kirklands Hospital Fallside Road Bothwell G71 8BB	Contact: Louise Brown Tel: +44 (0)1698 366216 E-Mail: louise.brown@lanarkshire.scot.nhs.uk Website: http://www.nhslanarkshire.org.uk/
Testing performed by the Organisation at the locations specified below		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
Address Department of Biochemistry Monklands Hospital Monkscourt Avenue Airdrie ML6 0JS	Local contact Dr Neil Syme Consultant Clinical Scientist	Biochemistry A
Department of Biochemistry Hairmyres Hospital Eaglesham Road East Kilbride Glasgow G75 8RG	Local contact Jacqueline McGuire Clinical Lead	Biochemistry B
Department of Biochemistry Wishaw Hospital 50 Netherton Street Wishaw ML2 0DP	Local contact Louise Brown BMS Lead	Biochemistry C



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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>	Documented in-house procedures in conjunction with manufacturers instructions for analysis using Roche e601/6000 analyser; c501/6000 analyser (Sites A and B) and e801/8000 analyser; c701/8000 (Site C). Measurement by colourimetric, kinetic interaction of microparticles (KIMS), enzymatic, sandwich and ion-selective electrode methods.	
Serum	Albumin	LP-LBSC-Albumin	A,B,C
Serum	ALP	LP-LBSC-Alkphos	A,B,C
Serum	Alpha 1 antitrypsin (Total)	LP-LBSC-A1AT	C
Serum	ALT	LP-LBSC-Alt	A,B,C
Serum	AST	LP-LBSC-Ast	A,B,C
Serum	Beta-2-Microglobulin	LP-LBSC-B2M	C
Serum	Bicarbonate	LP-LBSC-BICARB	A,B,C
Serum	Bilirubin Total	LP-LBSC-BIL	A,B,C
Serum	Calcium Total	LP-LBSC-CA	A,B,C
Serum	Carbamazepine	LP-LBSC-CARB	A,B,C
Serum	Cholesterol	LP-LBSC-CHOL	A,B,C
Serum	CK	LP-LBSC-CK	A,B,C
Serum	CRP	LP-LBSC-CRP	A,B,C
Serum	Direct Bilirubin (Wako method)	LP-LBSC-DBIL	C
Serum	Gentamicin	LP-LBSC-GENT	A,B,C
Serum	Gamma Glutamyl Transferase (GGT)	LP-LBSC-GGT	A,B,C
Serum	Haptoglobin	LP-LBSC-HAPT	C
Serum	HDL Cholesterol	LP-LBSC-HDL	A,B,C
Serum	IgA	LP-LBSC-IGS	B, C
Serum	IgG	LP-LBSC-IGS	B, C
Serum	IgM	LP-LBSC-IGS	B, C
Serum	Iron	LP-LBSC-IRON	A,B,C
Serum	LDH	LP-LBSC-LDH	A,B,C
Serum	Lithium	LP-LBSC-Lithium	A,B,C
Serum	N-terminal Pro BNP	LP-LBSC-BNP	C
Serum	Neuron-Specific Enolase	LP-LBSC-NSE	C
Serum	Paracetamol	LP-LBSC-PAR	A,B,C
Serum	Phenobarbitone	LP-LBSC-PHNO2	C
Serum	Phenytoin	LP-LBSC-PHEN	A,B,C
Serum	Procalcitonin	LP-LBSC-PCT	A,B



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)</u>	Analysis using Roche e601/6000 analyser; c501/6000 analyser (Sites A and B) and e801/8000 analyser; c701/8000 (Site C). (cont'd)	
Serum	Protein Total	LP-LBSC-TPRO	A,B,C
Serum	Rheumatoid Factor	LP-LBSC-RF	C
Serum	Salicylate	LP-LBSC-SAL	A,B,C
Serum	Theophylline	LP-LBSC-THEO	A,B,C
Serum	Transferrin	LP-LBSC-TRANS	A,B,C
Serum	Triglyceride	LP-LBSC-TRIG	A,B,C
Serum	Valproate	LP-LBSC-VALP	C
Serum, Plasma	Vancomycin	LP-LBSC-VANC	A,B,C
Serum/Urine	Amylase	LP-LBSC-Amylase	Serum: A,B,C Urine: C only
Serum/Urine	Chloride	LP-LBSC-ISE	A,B,C
Serum/Urine	Creatinine (modified Jaffe method)	LP-LBSC-CREAT	A,B,C
Serum/Urine	Magnesium	LP-LBSC-MG	Serum: A,B,C Urine: C only
Serum/Urine	Phosphate	LP-LBSC-PHOS	Serum: A,B,C Urine: C only
Serum/Urine	Potassium	LP-LBSC-ISE	A,B,C
Serum/Urine	Sodium	LP-LBSC-ISE	A,B,C
Serum/Urine	Urate	LP-LBSC-URA	Serum: A,B,C Urine: C only
Serum/Urine	Urea	LP-LBSC-UREA	A,B,C
Plasma/Urine	Glucose	LP-LBSC-GLUC	A,B,C
Urine	Amphetamines	LP-LBSC-AMPS	C
Urine	Benzodiazepine	LP-LBSC-BENZ	C
Urine	Buprenorphine	LP-LBSC-BUP	C
Urine	Calcium	LP-LBSC-CA	A,B,C



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	Analysis using Roche e601/6000 analyser; c501/6000 analyser (Sites A and B) and e801/8000 analyser; c701/8000 (Site C). (cont'd)	
Urine	Cannabinoids	LP-LBSC-CANN	C
Urine	Cocaine	LP-LBSC-COC	C
Urine	Methadone metabolite	LP-LBSC-EDDP	C
Urine	Microalbumin	LP-LBSC-MALB	A,C
Urine	Opiate	LP-LBSC-OPI	C
Urine/CSF	Total protein	LP-LBSC-TPUC	A,B,C
Plasma	Ammonia	LP-LBSC-Amm	C
Plasma	Ethanol	LP-LBSC-ETH	A,B,C
Plasma	Lactate	LP-LBSC-LACT	A,B,C
Serum	Angiotensin converting enzyme (ACE)	Buhlmann Assay LP-LBSC-ACE	B
Serum	25 OH VitD	Roche e601/ e801 Measurement by immunoassay LP-LBSC-VITD	C
Serum	AFP	LP-LBSC-AFP	C
Serum	CA-125	LP-LBSC-CA125	C
Faeces	Calprotectin	LP-LBSC-TURBOCALP	A
Serum	CEA	LP-LBSC-CEA	C
Serum	Cortisol	LP-LBSC-CORT	A,B,C
Serum	Digoxin	LP-LBSC-DIGOXIN	A,B,C
Serum	FT3	LP-LBSC-FT3	C
Serum	FT4	LP-LBSC-FT4	A,B,C
Serum	FSH	LP-LBSC-FSH	C
Serum	hCG	LP-LBSC-HCG	A,B,C
Serum	LH	LP-LBSC-LH	C
Serum	Oestradiol	LP-LBSC-E2	C
Serum	Progesterone	LP-LBSC-PRG	C
Serum	Prolactin	LP-LBSC-PRL	C
Serum	PSA	LP-LBSC-PSA	A,C
Plasma	PTH	LP-LBSC-PTH	A,C
Serum	B12	LP-LBSC-Vit B12	A,B,C
Serum	Ferritin	LP-LBSC-fer	A,B,C
Serum	Folate	LP-LBSC-FOL	A,B,C
Serum	SHBG	LP-LBSC-SHBG	C
Serum	Testosterone	LP-LBSC-TEST	C
Serum	TPO Antibodies	LP-LBSC-ATPO	C
Serum	Troponin T	LP-LBSC-TNT	A,B,C
Serum	TSH	LP-LBSC-TSH	A,B,C



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	Documented in-house procedures in conjunction with manufacturers instructions for analysis	
Serum	Acute Kidney Injury (AKI)	By calculation: LP-LBSC-AKI Alert	A,B,C
Serum	Adjusted Calcium	LP-LBSC-CA	A,B,C
Serum	Estimated Glomerular Filtration Rate (eGFR)	LP-LBSC-EGFR	A,B,C
Urine	Protein Creatinine Ratio	LP-LBSC-TPUC	A,B,C
Urine	Microalbumin/Creatinine Ratio	LP-LBSC-MALB	A, C
Serum	Free Androgen Index	LP-LBSC-TEST	C
Serum	Free Testosterone	LP-LBSC-TEST	C
Serum	LDL Cholesterol	LP-LBSC-HDL	A,B,C
Serum	Globulin	LP-LBSC-TPRO	A,B,C
Serum, Urine	Osmolality	Vitech 3320 osmometer Measurement by depression of freezing point using SOP: LP-LBSC-OSM	A,B,C
Urine	B-Hcg	DXpress reader BioSign RC hCG urine Test - cassette based, chromatographic immunoassay LP-LBSC-DXPREG	A,B,C
Sweat	Sweat chloride test	Sherwood chloride titrator – titration of chloride ions between 2 silver electrodes in an acid buffer LP-LSTB-ECHLORIDE	C
Serum Urine	Serum Protein and Urine Electrophoresis and Immunotyping and cryoglobulin analysis Cryofibrinogen analysis	Electrophoresis using the Sebia Capillarys Flex 2; Sebia Hydrasys LP-LSTB-CRYO LP-LSTB-UEPHYD LP-LSTB-CRY LP-LSTB-ALPISO	B
Serum	Alkaline Phosphatase Isoenzymes	Electrophoresis using the Sebia Hydrasys LP-LSTB-ALPISO	B



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Whole blood	Blood gases: Hydrogen Ion Concentration pCO ₂ pO ₂ Calculated Bicarbonate Methaemoglobin Carboxyhaemoglobin	Roche 221 analyser Measurement by ion-sensitive electrode and co-oximetry LP-LBSC-b221GAS	A,B,C
Urine	Catecholamines <ul style="list-style-type: none"> • Normetadrenaline • Metadrenaline • 5HIAA 	Gilson Aspec GX-271 High performance liquid chromatography (HPLC) LP-LSTB-UMETS LP-LSTB-VMA	A
Faeces	Faecal Immunochemical Testing (FIT) for Haemoglobin	Kyowa HM-JACKarc LP-LSTB-FITPRO	A
Cerebrospinal Fluid (CSF)	CSF Xanthochromia	Uvikon XS spectrophotometer LP-LBIO-MCSFscan	B
END			