


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 9351 Accredited to ISO 15189:2012	University Hospitals of North Midlands NHS Trust	
	Issue No: 004 Issue date: 16 November 2022	
	Department of Biochemistry Royal Stoke Hospital Newcastle Road Stoke on Trent ST4 6QG	Contact: Katie Berger Tel: +44 (0)1782674234 E-Mail: katie.berger@uhns.nhs.uk Website: www.uhnm.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
Royal Stoke Hospital Newcastle Road Stoke on Trent Staffordshire ST4 6QG Local contact Katie Berger Brian Cameron	Biochemistry activities to assist with clinical diagnosis Molecular diagnostics	A

Site activities performed away from the locations listed above:

Location details	Activity	Location code
County Hospital Weston Road, Stafford ST16 3SA Brian Cameron	Biochemistry activities to assist with clinical diagnosis	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 Serum and Plasma unless otherwise stated	Biochemistry activities to assist with clinical diagnosis Quantitation of:	Manufacturer's instructions for Atellica CH analyser Advia 1800/ Photometry/IMT/ISE analyser in conjunction with in house documented methods	
	Acetaminophen	BAM-43 (A) BCM-8 (B)	A,B
	Alanine Transaminase	BAM-43 (A) BCM-8 (B)	A,B
	Albumin	BAM-43 (A) BCM-8 (B)	A,B
/Plasma/	Alcohol/Ethanol	BAM-43 (A) BCM-8 (B)	A,B
	Alkaline Phosphatase	BAM-43 (A) BCM-8 (B)	A,B
Plasma	Ammonia	BAM-43	A
Serum/Plasma/Urine	Amylase	BAM-43 (A) BCM-8 (B)	A,B
Serum	Angiotensin Conv. Enzyme	BAP-62	A
	Aspartate Transaminase	BAM-43 (A) BCM-8 (B)	A,B
Serum	Bile Salts	BAP-62	A
Serum/Plasma/Urine	Calcium	BAM-43 (A) BCM-8 (B)	A,B
	Corrected Calcium	Calculated parameter BPRF-633	A,B
	Carbamazepine	BAM-43	A
Serum/Plasma/Urine	Chloride	BAM-43 (A) BCM-8 (B)	A,B
	Cholesterol	BAM-43 (A) BCM-8 (B)	A,B
	Conjugated Bilirubin	BAM-43 (A) BCM-8 (B)	A,B
Serum	Copper	BAP-62	A
	Creatine Kinase	BAM-43 (A) BCM-8 (B)	A,B



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Human Body Fluids (cont'd)	Biochemistry activities to assist with clinical diagnosis (cont'd)	Manufacturer's instructions for Atellica CH analyser Advia 1800/ Photometry/IMT/ISE analyser in conjunction with in house documented methods	
Serum and Plasma unless otherwise stated	Quantitation of:		
Serum/Plasma/Urine	Creatinine	BAM-43 (A) BCM-8 (B)	A,B
	Acute Kidney Injury (AKI) CRP(Wide range)	Calculated parameter BPRF-633	A,B
	Digoxin	BAM-43 (A) BCM-8 (B)	A,B
	Estimated Glomerular Filtration Rate (eGFR)	Calculated parameter	A,B
	eGFR (paediatric)	Calculated parameter	A,B
		BAM-43 (A) BCM-8 (B)	
	Gamma Glutamyl Transferase	BAM-43 (A) BCM-8 (B)	A,B
Serum/Plasma/CSF/	Glucose	BAM-43 (A) BCM-8 (B)	A,B
Serum/Plasma	HDL Cholesterol	BAM-43 (A) BCM-8 (B)	A,B
Serum/Plasma/Urine	Inorganic Phosphate	BAM-43 (A) BCM-8 (B)	A,B
Plasma/CSF	Lactate	BAM-43 (A) BCM-8 (B)	A,B
	Lactate Dehydrogenase	BAM-43 (A) BCM-8 (B)	A,B
	Low Density Lipoproteins (LDL)	Calculated parameter	A,B
Serum	Lithium	BAM-43 (A) BCM-8 (B)	A,B
Serum/Plasma/Urine	Magnesium	BAM-43 (A) BCM-8 (B)	A,B
Urine	Microalbumin	BAM-43 (A) BCM-8 (B)	A, B
	Paracetamol	BAM-43 (A) BCM-8 (B)	A,B
	Phenobarbitone	BAM-43	A



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Human Body Fluids (cont'd)	Biochemistry activities to assist with clinical diagnosis (cont'd)	Manufacturer's instructions for Atellica CH analyser Advia 1800/ Photometry/IMT/ISE analyser in conjunction with in house documented methods	
Serum and Plasma unless otherwise stated	Quantitation of:		
	Phenytoin	BAM-43	A
Serum/Plasma/Urine	Potassium	BAM-43 (A) BCM-8 (B)	A,B
	Salicylates	BAM-43 (A) BCM-8 (B)	A,B
	Serum Iron	BAM-43 (A) BCM-8 (B)	A,B
Serum/Plasma/Urine	Sodium	BAM-43 (A) BCM-8 (B)	A,B
	Theophylline	BAM-43 (A) BCM-8 (B)	A,B
	Total Bilirubin	BAM-43 (A) BCM-8 (B)	A,B
	Total CO2	BAM-43 (A) BCM-8 (B)	A,B
Serum/Plasma//Urine/CSF	Total Protein	BAM-43 (A) BCM-8 (B)	A,B
	Transferrin	BAM-43 (A) BCM-8 (B)	A,B
	Triglycerides	BAM-43 (A) BCM-8 (B)	A,B
Serum/Plasma/Urine	Urea	BAM-43 (A) BCM-8 (B)	A,B
Serum/Plasma/Urine	Uric Acid	BAM-43 (A) BCM-8 (B)	A,B
	Valproic Acid	BAM-43	A
Serum	Zinc	BAP-62	A



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Human Body Fluids (cont'd) Serum and Plasma unless otherwise stated	Biochemistry activities to assist with clinical diagnosis (cont'd) Quantitation of:	Manufacturer's instructions for Siemens Atellica IM Advia Centaur XP (Chemiluminescence) analyser in conjunction with in house documented procedures:	
Serum	Alpha Fetoprotein	BAM-43	A
Serum	CA125	BAM-43	A
Serum	CA15.3	BAM-43	A
Serum	CA19.9	BAM-43	A
Serum	CEA	BAM-43	A
Serum	Cortisol	BAM-43 (A) BCM-09 (B)	A,B
Serum	DHEAS	BAM-43	A
Serum	ELF score	BAM-43	A
Serum	Ferritin	BAM-43	A
Serum	F.S.H.	BAM-43 (A) BCM-09 (B)	A,B
Serum	Free T3	BAM-43 (A) BCM-09 (B)	A,B
Serum	Free T4	BAM-43 (A) BCM-09 (B)	A,B
Serum	Gentamicin	BAM-43	A
Serum	HA	BAM-43	A
Serum	Human Chorionic Gonadotrophin	BAM-43 (A) BCM-09 (B)	A,B
Serum	Luteinising Hormone	BAM-43 (A) BCM-09 (B)	A,B
Serum	Macroprolactin	BAM-43	A
	nNBP	BAM-43	A
Serum	Oestradiol	BAM-43	A,B



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Serum	Procalcitonin	BAM-43	A
Serum	Prolactin	BAM-43 (A) BCM-09 (B)	A,B
Serum	Prostate Specific Antigen	BAM-43 (A) BCM-09 (B)	A,B
Plasma	PTH	BAM-43 (A) BCM-09 (B)	A,B
Serum	P3NP	BAM-43	A
Serum	Serum B12	BAM-43 (A) BCM-09 (B)	A,B
Serum	Serum Folate	BAM-43 (A) BCM-09 (B)	A,B
Serum	SHBG	BAM-43	A
Serum	T.S.H.	BAM-43 (A) BCM-09 (B)	A,B
Serum	Testosterone	BAM-43 (A) BCM-09 (B)	A,B
Serum	TIMP	BAM-43	A
Serum	Tobramycin	BAM-43	A
Serum	Troponin I	BAM-43 (A) BCM-09 (B)	A,B
Serum	Progesterone	BAM-43	A
Serum	Vancomycin	BAM-43	A
Serum	Vitamin B12	BAM-43	A
Serum	Vitamin D	BAM-43 (A) BCM-09 (B)	A,B



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Plasma	ACTH	BAM-47	A
Serum	Erythropoetin_N	BAM-47	A
Serum	Growth Hormone	BAM-47	A
Serum	Insulin Growth Factor-1	BAM-47	A
Serum	Thyroglobulin (In-house UHNS)	BAM-47	A
Serum	Thyroglobulin Antibodies	BAM-47	A
Serum and Plasma unless otherwise stated	Quantitation of	Manufacturer's instructions for Siemens BNII Nephelometer in conjunction with in house documented procedures:	
	Alpha-1-Antitrypsin	BPM-21	A
	Beta 2 Microglobulin	BPM-26	A
	Caeruloplasmin	BPM-22	A
	Complement C3	BPM-18	A
	Complement C4	BPM-20	A
	Haptoglobin	BPM-19	A
	Immunoglobulin A (g/L)	BPM-15	A
	Immunoglobulin G (g/L)	BPM-17	A
	Immunoglobulin M (g/L)	BPM-16	A



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Human Body Fluids (cont'd) Serum and Plasma unless otherwise stated	Biochemistry activities to assist with clinical diagnosis (cont'd) Quantitation of:	Manufacturer's instructions for Waters Acquity Tandem Mass Spectrometer (LC/MS) in conjunction with in house documented procedures:	
Whole Blood	Cyclosporin A (Mass Spec.)	BMSM-12	A
Urine	Total metadrenalines	BMSM-10	
Urine	24h Metadrenaline /Normetadrenaline ratio	Calculated parameter	A,
Whole Blood	Tacrolimus (Mass Spec.)	BMSM-12	A A
Urine	Bence Jones protein (BJP)	Manufacturer's instructions for Sebia Hydragel (Gel Electrophoresis) and immunofixation in conjunction with documented in house procedures BPM-30	A
Serum/Urine	Detection, identification and quantitation of serum/urine Paraproteins IgG, IgA and IgM classes	Immunofixation BPM-27	A
Serum	Detection, identification and quantitation of serum protein fragments	Manufacturer's instructions for Sebia Capillarys (capillary electrophoresis) in conjunction with documented in house procedures BPM-29 Immunotyping	A
Serum	Detection, identification and quantitation of serum monoclonal fragments	BPM-28 CZEMETHOD	A



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Human Body Fluids (cont'd)	Biochemistry activities to assist with clinical diagnosis (cont'd)	Manufacturer's instructions for Tosoh G11 (HPLC) in conjunction with documented in house procedures	
Serum and Plasma unless otherwise stated	Quantitation of:		
Whole Blood	Glycated HbA1c IFCC	BMP050	A
		Manufacturer's instructions for Inova Quantalyser 2 IDK (ELISA) in conjunction with documented in house procedures	
Faeces	Calprotectin and Elastase	BMM-402 BMM-200-Elastase	B B
Serum and Plasma unless otherwise stated	Quantitation of:	Manufacturer's instructions for Osmo 1 Osmometer (freezing point depression) in conjunction with in house documented procedures:	
Serum/Urine	Osmolality	BMP-61	A,B
Sweat	Sweat Chloride	(Chloride Meter) BMM001	A
		DNA extraction using Qiagen extraction kit with gene amplification by the polymerase chain reaction (PCR) Bibby Techne	
		TC412 Thermal Cycler	
Serum/Plasma/Whole Blood	Alpha 1 Antitrypsin genotype	BMB001	A
Whole blood	Factor V Leiden genotype	BMB004	A
Whole Blood	Haemachromatosis gene	BMB-009	A
Whole Blood	HLA B27	BMB-008 BMB006	A
Whole Blood	Prothrombin genotype	BMB007	A



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Human Body Fluids (cont'd)	Biochemistry activities to assist with clinical diagnosis (cont'd)	In house quantitative screening method in conjunction with in house documented procedures	
Urine	Quantitation of: Porphyrins	BMM215 Documented procedures & manufacturer's instructions for Perkin Elmer Lambda 25 Spectrophotometer in conjunction with in house documented procedures:	A
CSF	Xanthochromia	BMP-1	A,B
Faeces	Faecal Immunochemical Testing (FIT)	OC Sensor IO Platform using latex agglutination immunoassay BMM-403	A
Serum	Serum Free Light Chains	Binding site Optilite using nephelometry BPM-24 (Kappa) & BPM-25 (Lambda)	A
END			