


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>UKAS</b> MEDICAL</p> <p><b>8331</b></p> <p>Accredited to ISO 15189:2022</p>	<h3>Northern Care Alliance NHS Foundation Trust</h3> <p><b>Issue No:</b> 010    <b>Issue date:</b> 03 December 2024</p>	
	<p><b>Salford Royal Hospital</b> Stott Lane Salford M6 8HD United Kingdom</p>	<p><b>Contact: Louise Bell</b> <b>Tel:</b> +44 (0)161 206 5016 <b>E-Mail:</b> <a href="mailto:louise.bell@nca.nhs.uk">louise.bell@nca.nhs.uk</a> <b>Website:</b> <a href="http://www.northerncaalliance.nhs.uk">http://www.northerncaalliance.nhs.uk</a></p>
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
<p>Salford Royal Hospital Stott Lane Salford M6 8HD United Kingdom</p> <p><b>Local contact:</b> Louise Bell</p>	<p>Routine automated Chemistry General / Special Chemistry Toxicology</p>	A
<p>Department of Biochemistry Essential Services Laboratory Wigan Royal Albert Infirmary Wigan Lane Wigan WN1 2NN United Kingdom</p> <p><b>Local contact:</b> Louise Bell</p>	<p>Routine automated Chemistry</p>	B
<p>Thomas Linacre Outpatient Centre Parson's Walk Wigan WN1 1RU United Kingdom</p> <p><b>Local contact:</b> Louise Bell</p>	<p>Specimen reception activities only</p>	C
<p>Leigh Infirmary The Avenue Leigh WN7 1HS United Kingdom</p> <p><b>Local contact:</b> Louise Bell</p>	<p>Specimen reception activities only</p>	D



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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  Plasma / Serum (unless otherwise stated)	<u>Biochemistry examination activities for the purposes of clinical diagnosis:</u>	In house documented procedures based on equipment manuals and standard methods as specified below:	
		Direct Chemilluminescence using Siemens Centaur XP with specific reference to:	
	AFP	SOP BIO-S-A-310	A
	Beta-HCG	SOP BIO-S-A-313	A & B
	CA199	SOP BIO-S-A-307	A
	CA125	SOP BIO-S-A-308	A
	CA153	SOP BIO-S-A-309	A
	CEA	SOP BIO-S-A-311	A
	Cortisol	SOP BIO-S-A-314	A & B
	Digoxin	SOP BIO-S-A-315	A & B
	Ferritin	SOP BIO-S-A-316	A & B
	Folate	SOP BIO-S-A-317	A & B
	Follicle Stimulating Hormone	SOP BIO-S-A-318	A
	Free T3	SOP BIO-S-A-283	A
	Free T4	SOP BIO-S-A-281	A & B
	Luteinising Hormone	SOP BIO-S-A-319	A
	Oestradiol	SOP BIO-S-A-312	A
	nt-proBNP	SOP BIO-S-A-354	A & B
	Progesterone	SOP BIO-S-A-321	A
	Procalcitonin	SOP BIO-S-A-361	A



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis:</u> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified below:	
Plasma / Serum (unless otherwise stated) (cont'd)		Direct Chemilluminesence using Siemens Centaur XP with specific reference to:	
	Prolactin	SOP BIO-S-A-320	A
	PSA	SOP BIO-S-A-331	A
	PTH	SOP BIO-S-A-332	A
	Thyroid Stimulating Hormone	SOP BIO-S-A-282	A & B
	Testosterone (Male)	SOP BIO-S-A-335	A
	High Sensitivity Troponin I	SOP BIO-S-A-359	A & B
	Vitamin B12	SOP BIO-S-A-295	A & B
	Vitamin D	SOP BIO-S-A-336	A
		Ion Specific Electrodes using Siemens Advia 2400 (A) or 1800 (B) with specific reference to:	
Urine also	Chloride	SOP BIO-S-A-254	A & B
Urine also	Potassium	SOP BIO-S-A-298	A & B
Urine also	Sodium	SOP BIO-S-A-299	A & B
		Spectrophotometry using Siemens Advia 2400(Site A) or 1800(Site B) with specific reference to:	
Urine also	Ethanol	SOP BIO-S-A-294	A & B
	Alpha-1-antitrypsin	SOP BIO-S-A-247	A
Urine also	Microalbumin	SOP BIO-S-A-286	A



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Plasma / Serum (unless otherwise stated) (cont'd)		Spectrophotometry using Siemens Advia 2400(Site A) or 1800(Site B) with specific reference to:	
	Alanine aminotransferase	SOP BIO-S-A-244	A & B
	Aspartate aminotransferase	SOP BIO-S--250	A
	Albumin	SOP BIO-S-A-278	A & B
	Alkaline phosphatase	SOP BIO-S-A-245	A & B
	Ammonia	SOP BIO-S-A-248	A & B
Urine also	Amylase	SOP BIO-S-A-249	A & B
	Angiotensin Converting Enzyme (ACE)	SOP BIO-S-A-342	A
Urine only	Beta-2-Microglobulin	SOP BIO-S-A-251	A
Urine also	Calcium	SOP BIO-S-A-252	A & B
	Carbamazepine	SOP BIO-S-A-253	A
	Ceruloplasmin	SOP BIO-S-A-337	A
	Cholesterol	SOP BIO-S-A-255	A & B
	Conjugated bilirubin	SOP BIO-S-A-263	A & B
	Creatine kinase	SOP BIO-S-A-256	A & B
Urine also	Creatinine	SOP BIO-S-A-258	A & B
	Cystatin C	SOP BIO-S-A-370	A
	Enzymatic Creatinine	SOP BIO-S-A-265	A & B
	C-reactive protein	SOP BIO-S-A-259	A & B
	Fructosamine	SOP BIO-S-A-266	A



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Plasma / Serum (unless otherwise stated) (cont'd)		Spectrophotometry using Siemens Advia 2400(Site A) or 1800(Site B) with specific reference to:	
	Gamma GT	SOP BIO-S-A-267	A & B
	Gentamicin	SOP BIO-S-A-268	A & B
	Glucose	SOP BIO-S-A-269	A & B
CSF only	Glucose	SOP BIO-S-A-269	A
	HDL-cholesterol	SOP BIO-S-A-264	A & B
	Iron	SOP BIO-S-A-279	A & B
	Immunoglobulin A	SOP BIO-S-A-275	A
	Immunoglobulin G	SOP BIO-S-A-276	A
	Immunoglobulin M	SOP BIO-S-A-277	A
	Lactate	SOP BIO-S-A-280	A & B
CSF only	Lactate	SOP BIO-S-A-280	A
	Lactate dehydrogenase	SOP BIO-S-A-300	A & B
	Lithium	SOP BIO-S-A-284	A
Urine also	Magnesium	SOP BIO-S-A-285	A & B
	Paracetamol	SOP BIO-S-A-243	A & B
	Phenytoin	SOP BIO-S-A-287	A
Urine also	Phosphate	SOP BIO-S-A-301	A & B
	Salicylate	SOP BIO-S-A-302	A & B
	Theophylline	SOP BIO-S-A-291	A



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis:</u> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified below:	
Plasma / Serum (unless otherwise stated) (cont'd)		Spectrophotometry using Siemens Advia 2400(Site A) or 1800(Site B) with specific reference to:	
	Total bilirubin	SOP BIO-S-A-303	A & B
	Total CO2	SOP BIO-S-A-257	A & B
CSF only	Total protein	SOP BIO-S-A-334	A
Urine also	Total protein	SOP BIO-S-A-334	A & B
	Transferrin	SOP BIO-S-A-306	A & B
	Triglycerides	SOP BIO-S-A-304	A & B
Urine also	Urate	SOP BIO-S-A-297	A & B
Urine also	Urea	SOP BIO-S-A-296	A & B
	Valproate	SOP BIO-S-A-290	A
	Vancomycin	SOP BIO-S-A-289	A & B
		Enzyme immunoassay with chemiluminescence Immulite 2000 with reference to:	
	ACTH	SOP BIO-S-A-353	A
	Anti-TPO Antibodies	SOP BIO-S-A-357	A
	DHEA-sulphate	SOP BIO-S-A-347	A
	Growth hormone	SOP BIO-S-A348	A
	IGF1	SOP BIO-S-A-351	A
	Sex hormone binding globulin	SOP BIO-S-A-355	A



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Urine	Porphyryns	HPLC with fluorometry using Knauer K-10001 Pump HPLC with Shimadzu Fluorescence Detector SOP BIO-S-E-28 & 27	A
Whole Blood	Red Cell Porphyryns	Perkin Elmer FL6500 Fluorescence Spectrophotometer SOP BIO-S-E-74	A
Plasma	Plasma Porphyryns	Perkin Elmer FL6500 Fluorescence Spectrophotometer SOP BIO-S-E-34	A
Urine also	Osmolality	Freezing point depression using the Advanced Instruments Osmo PRO SOP BIO-S-A-367	B
Urine and serum	Osmolality	Freezing point depression using the Advanced Instruments Osmo PRO SOP BIO-S-A-367	A
Urine	Porphobilinogen (Qualitative) screen	Manual Ion Exchange Chromatography SOP BIO-S-E-26	A
Urine only	Porphobilinogen (PBG) (Quantitative) + $\alpha$ -aminolaevulinic acid (ALA)	Automated Ion Exchange Chromatography using Northstar BIO-UV Spectrophotometer SOP BIO-S-E-25 SOP BIO-S-E-32	A
Blood Only	Immunosuppressants: Cyclosporin, Sirolimus, Tacrolimus, Everolimus	Shimadzu 8060NX Mass Spectrometer with Nexera Liquid Chromatography  BIO-S-MS-002	A



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Urine only	Androgens: Testosterone (female), Androstenedione	BIO-S-MS-006	A
Urine only	5Hydroxyindoleacetic acid (5HIAA)	BIO-S-MS-003	A
Urine only	Cortisol	BIO-S-MS-004	A
Urine only	Metadrenalines: Metadrenaline, Normetadrenaline	BIO-S-MS-005	A
Urine only	Toxicology Screen; Morphine, Codeine, Dihydrocodeine, 6-Monoacetylmorphine, Acetylcodeine, Buprenorphine, Nor-Buprenorphine, Methadone, EDDP, Nor-Fentanyl, Oxycodone, Tramadol, Amphetamine, MDMA, Metamphetamine, Benzoyllecognine, Pregabalin, Gabapentin, Ketamine, Zopiclone, Cannabis metabolite (THC-COOH), Temazepam, Nordiazepam, Oxazepam, Lorazepam, Nitrazepam, Clonazepam, Alprazolam	BIO-S-MS-009	A





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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis:</u> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified below:	
Whole Blood only	Blood gases / acid base: PH, pCO <sub>2</sub> , pO <sub>2</sub> , Sodium, Oxygen saturation, Potassium, ionised calcium, bicarbonate, glucose , lactate	Werfen GEM 5000 Blood Gas Analyser with reference to manufacturer's instructions and SOP BIO-S-S17 and BIO-S-S19	A & B
Whole Blood only	Total Hb, Carboxy-Hb, Met-Hb, Oxy-Hb	Werfen GEM 5000 Blood Gas Analyser Co-oximetry with reference to manufacturer's instructions and SOP BIO-S-S-19	A & B
CSFs	Xanthochromia	Northstar BIO-UV spectrophotometer SOP BIO-S-G-25	A
Plasma	Metadrenaline Normetadrenaline	Manual ELISA using documented in-house procedure SOP BIO-S-E-64	A
Faeces	Calprotectin	Immunodiagnostik ELISA using the DS2 SOP-BIO-S-G-42	A
Faeces	Faecal Immunochemical Test	HMJAKarc SOP BIO-S-G-54	A
Serum	Serum Free Light chains	Turbidimetry using the Binding site Optilite SOP BIO-S-I-126	A
Serum	Immunodisplacement	Capillary Electrophoresis using the Helena V8 SOP BIO-S-I-01	A
Urine also	Serum protein and Urine Bence Jones protein (immunoglobulin light chains)	Capillary Electrophoresis using the Helena V8 and SAS3 and SAS4* system SOP BIO-S-I-01 SOP BIO-S-I-02	A



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Serum and CSF	Blood Brain Barrier Ratio calculation from: Serum albumin Serum IgG CSF albumin CSF IgG	Turbidimetry using Binding site Optilite SOP BIO-S-I-126	A
Serum and CSF	Oligoclonal Bands -IgG	Helena SAS-3 Semi automated gel electrophoresis system SOP BIO-S-I-23	A
Fluids	Tau Protein (B2 Transferrin)	Helena SAS-3 Semi automated gel electrophoresis system SOP BIO-S-I-22	A
Serum	Trace Metals: Copper, Zinc and Selenium	Agilent 8700 ICPMS equipped with Agilent SPS4 autosampler SOP BIO-S-G-47	A
END			