


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 8871 Accredited to ISO 15189:2012	Mersey and West Lancashire Teaching Hospitals NHS Trust	
	Issue No: 015 Issue date: 03 February 2025	
	Clinical Biochemistry Department Whiston Hospital Warrington Road Prescot L35 5DR	Contact: Lesley Mather Tel: +44 (0) 151 430 1886 E-Mail: Lesley.Mather@sthk.nhs.uk Website: www.shk.nhs.uk/pathology
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 Biochemistry Department Mersey and West Lancashire Teaching Hospitals NHS Trust Whiston Hospital Warrington Road Prescot L35 5DR	Local contact Lesley Mather As above	Biochemistry – automated and manual Immunology	W
Biochemistry Department Southport Hospital Town Lane Kew PR8 6PN	Local contact Lesley Mather As above	Biochemistry – automated and manual	S



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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 for the purposes of clinical diagnosis:</u>	Documented in house methods and manufacturer's instructions for:	
Whole blood	HbA1c	Sebia Capillarys 3 Tera Capillary Electrophoresis	W
Cerebrospinal fluid (CSF)	Xanthochromia (bilirubin)	Uvikon XS Spectrophotometer ID: 47734	W
Sweat	Chloride	Jenway Chloride meter ID:139	W
Serum, urine	Osmolality	Advanced Instruments Osmo1 Depression of Freezing point ID: 1661	W S
Serum unless otherwise stated	Concentration of:	Siemens Atellica (Spectrophotometry) System ID 43976	
	Albumin	W:8979	W S
	ALP	W:8980 ID:31258	W S
	ALT	W:8981 ID: 48054	W S
	ACE	W:64461	W
	Amylase	W:4944 ID: 47928	W S
	AST	W:9941 ID: 47920	W S
	Bicarbonate	W:19366 ID:32090	W S
	C3	W:9942	W
	C4	W:9943	W



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination for the purposes of clinical diagnosis (cont'd):</u>	Documented in house methods and manufacturer's instructions for:	
Serum unless otherwise stated (cont'd)	Concentration of: (cont'd)	Siemens Atellica (Spectrophotometry) System ID 43976	
Serum, urine	Calcium	W:9185 ID:33090	W S
	Carbamazepine	W:9602	W
	Cholesterol	W:9955 ID:31259	W S
	Creatinine Kinase	W:9945 ID:47982	W S
Serum, urine	Chloride	W:9951 ID:47978	W S
Serum, urine	Creatinine	W:8983 ID:47979	W S
	CRP	W:8956 ID:31260	W S
	Direct Bilirubin	W:8953 ID:31274	W S
Serum, urine	Ethanol	W:9198 ID:48051	W S
	GGT	W:9197 ID:32767	W S
Serum, plasma, CSF	Glucose	W:9947 ID:32091	W S
	Haptoglobin	W:8954	W
	HDL	W:9954 ID:31261	W S
	IgA	W:9193	W



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination for the purposes of clinical diagnosis (cont'd):</u>	Documented in house methods and manufacturer's instructions for:	
Serum unless otherwise stated (cont'd)	Concentration of: (cont'd)	Siemens Atellica (Spectrophotometry) System ID 43976	
	IgG	W:9194	W
	IgM	W:9195	W
Serum, urine	Potassium	W:9953 ID:47978	W S
Plasma	Lactate	W:9948 ID:47980	W S
	LDH	W:9191 ID:47924	W S
	Lithium	W:8988	W
	Magnesium	W:9949 ID:47918	W S
Urine	Microalbumin	W9192	W
Serum, urine	Sodium	W:9952 ID:47978	W S
	Paracetamol	W:9196 ID:33099	W S
	Phenytoin	W:9600	W
Serum, urine	Phosphate	W:8955 ID:33100	W S
	Procalcitonin	W:57126	W
	Salicylate	W:8991 ID:47926	W S
Serum	Free Light Chains	W: 53219	W
	Total Bilirubin	W:9184 ID:31265	W S



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination for the purposes of clinical diagnosis (cont'd):</u>	Documented in house methods and manufacturer's instructions for:	
Serum unless otherwise stated (cont'd)	Concentration of: (cont'd)	Siemens Atellica (Spectrophotometry) System ID 43976	
	Theophyllin	W:9599	W
Serum, urine, CSF	Total Protein	W:8989 ID:33101	W S
	Transferrin	W:13022 ID:47927	W S
	Triglycerides	W:20828 ID:47919	W S
Serum, urine	Uric Acid	W:8990 ID:33103	W S
Serum, urine	Urea	W:8982 ID:33102	W S
	Valporate	W:9601	W
	Zinc	W: 53224	W
Plasma	Ammonia	W:23133 ID:48043	W S
	Bile Acids	W:11549 ID:48041	W S
	eGFR (calculated test)	W:2911 ID:54696	W S
	Iron	W:31277 ID:31277	W S
Whole Blood	Mortuary Alcohol	W:11989	W
	Gentamicin	W:44016 ID:44016	W S
	Vancomycin	W:44017 ID:44017	W S



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination for the purposes of clinical diagnosis (cont'd):</u>	Documented in house methods and manufacturer's instructions for:	
Serum unless otherwise stated (cont'd)	Tumour Markers:	Siemens Atellica (Chemiluminescence) Immunoassay System ID 43976	
	AFP	W:5637	W
	CA125	W:5647	W
	CEA	W:5540	W
	PSA	W:5558	W
	Ca19-9	W:43979	W
	Vitamins:		
	Vitamin B12	W:5744 ID:5744	W S
	Vitamin D	W:15456	W
	Endocrine:		
	Cortisol	W:5740 ID:26938	W S
	Oestrodial	W:5702	W
	LH	W:5765	W
	FSH	W:5764	W
	FT3	W:5189 ID:5189	W S
	FT4	W:5944 ID:5944	W S
	Prolactin and Macroprolactin (calculated test)	W:5707	W
	Progesterone	W:5701	W



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination for the purposes of clinical diagnosis (cont'd):</u>	Documented in house methods and manufacturer's instructions for:	
Serum unless otherwise stated (cont'd)	Endocrine: (cont'd)	Siemens Atellica (Chemiluminescence) Immunoassay System ID 43976	
	Thyroid Stimulating Hormone	W:5094 ID:5094	W S
	PTH	W:5649	W
	Testosterone	W:5714	W
	SHBG	W:43982	W
	Anti-TPO	W43980	W
	Pregnancy & Tumour Marker:	Siemens Atellica (Chemiluminescence/immunoturbidimetric) Immunoassay System ID 43976	
	hCG	W:5739 ID:5739	W S
	Cardiac Markers:		
	NT-proBNP	W:43981	W
	Troponin I	W:5200 ID:5200	W S
	Digoxin	W:5683 ID:5683	W S
	Ferritin	W:5743 ID:5743	W S
	Folate	W:5763 ID:5763	W S
	Macroprolactin	Precipitation of macroprolactin W:26238, 942	W



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination for the purposes of clinical diagnosis (cont'd):</u>	Documented in house methods and manufacturer's instructions for:	
Serum unless otherwise stated (cont'd)	Cardiac Markers: (cont'd)	Siemens Atellica (Chemiluminescence/immunoturbidimetric) Immunoassay System ID 43976	
	Rheumatoid Factor (RF)	W: 55749	W
Faeces	Detection of faecal haemoglobin (FIT)	iO OC- Sensor Immunoturbidimetric analysis W44021	W
Plasma	Plasma Placental Growth Factor	Quidel Triage Meter Pro Immunofluorescence ID: 51183	W S
		Calculated Tests	W S
Serum	Adjusted Calcium		
Serum	Non-HDL Cholesterol	ID: 53091	
Serum	LDL Cholesterol		
Serum	HDL/Cholesterol Ratio		
Serum	Anion Gap	ID: 53089	
Serum	Total Iron Binding Capacity	ID: 18842	
Serum	Iron % Saturation		
Serum	Free Androgen Index	ID: 53090	
Serum	Globulins	ID: 54702	
Urine	Albumin/Creatinine Ratio	ID: 53092	
Urine	Protein/Creatinine Ratio		
Serum	AKI Warning Stage	ID: 54969	
Serum	Kappa/Lambda Ratio	ID: 53219	W



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HUMAN BODY FLUIDS (cont'd)	<u>Immunological examination for the purposes of clinical diagnosis:</u>	Documented in house methods and manufacturer's instructions for:	
Serum unless otherwise stated	Detection of: CCP CTD MPO PR3 RAIGM GBM IgA ttg	Phadia ImmunoCap 250 Fluoroenzyme immunoassay ID:140 ID:19477 ID:20207	W
Serum	Paraprotein quantitation Paraprotein quantification	Sebia Capillarys 2 Serum protein electrophoresis Sebia Hydrasys 2 Scan Serum protein immunofixation ID: 268 ID: 2200 ID: 16042	W
Urine	Paraprotein quantitation	Sebia Hydrasys 2 Scan Urine protein immunofixation ID: 16043	W
Serum	HEP2 TAA ANCA	Manual Immunofluorescence / microscopy ID: 20354 ID: 20355 ID: 9798	W
Serum	ANCA Hep 2 Tissue Autoantibodies Endomysial Antibodies (IgA)	IF Microscope Olympus CX43RF with LED light source- Microscope Immunofluorescence ID 9798 ID 20354 ID 20355 ID 29617	W



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HUMAN BODY FLUIDS (cont'd)	<u>Immunological examination for the purposes of clinical diagnosis</u> (cont'd):	Documented in house methods and manufacturer's instructions for:	
Serum	Total and Specific IgE	Thermo Phadia 250 (Serial Number 10883) ImmunoCAP sandwich immunoassay ID: 2414	W
	House Dust Mite Parrot feathers Animal Panel Cat Canary Feathers Horse Dander Dog Budgerigar Feathers Guinea Pig Feather Mix Rabbit Hamster Egg white Sesame seed Peanut Soybean Hazelnut Brazil Nut Milk Almond Pecan Nut Cashew Nut Pistachio Nut Pineapple Shrimp Tomato Walnut Codfish Orange Coconut Wheat Strawberry Apple Egg Yolk Gluten Cheddar Kiwi Fruit Melon Mango		



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Serum (cont'd)	Total and Specific IgE (cont'd)	Thermo Phadia 250 (Serial Number 10883) ImmunoCAP sandwich immunoassay ID: 2414	W
	Banana Peach Food 1 (Nuts) Food 15 (Fruit) Food 5 (General) Food 21 (Fruit) Timothy Grass Latex A.Fumigatus Mould Birch		
Serum	IgA TTG Anti-CCP Connective Tissue Disease Screening MPO PR3 GBM	Thermo Phadia 250 (Serial Number 10531) Fluoro Enzyme Immunoassay ID 19473 ID 26578 ID 19474 ID 19472 ID 19471 ID 26576	W
Faeces	Faecal calprotectin	Thermo Phadia 250 (Serial Number 10883) Fluoro Enzyme Immunoassay ID 63886	W

END