


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 9106 Accredited to ISO 15189:2022	HSL (Analytics) LLP Issue No: 013 Issue date: 27 April 2026	
	Chemical Pathology West Hertfordshire Hospitals NHS Trust Watford General Hospital Vicarage Road Watford Hertfordshire WD18 0HB	Contact: Andrew Clarke Tel: +44 (0) 020 7307 7342 E-Mail: Andrew.Clarke@hslpathology.com Website: www.hslpathology.com

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: Chemical Pathology Watford General Hospital Vicarage Road Watford Hertfordshire WD18 0HB Local contact: Mary Ann Lagyop	Clinical Biochemistry	WGH
Chemical Pathology Pathology Department Hemel Hempstead Hospital Hillfield Road Hemel Hempstead Hertfordshire HP2 4AD Mary Ann Lagyop	Clinical Biochemistry	HHH



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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 (cont'd)	<u>Biochemistry examination activities</u>	<u>In house documented methods incorporating manufacturers' instructions as required</u>	HHH
	<u>Automated Clinical Chemistry-Immunoassay (cont'd)</u>	Roche Cobas Pro e801 using chemiluminometric methods	
Serum/Plasma	Cortisol	Routine Operation; BIO-MP1-53 Cobas Infinity v2	
Serum/Plasma	Oestradiol		
Serum/Plasma	Ferritin		
Serum/Plasma	Folate		
Serum/Plasma	Free T3		
Serum/Plasma	Free T4		
Serum/Plasma	FSH		
Serum/Plasma	LH		
Serum/Plasma	Progesterone		
Serum/Plasma	Prolactin		
Serum/Plasma	PSA		
Serum/Plasma	Sex Hormone Binding Globulin (SBHG)		
Serum	Testosterone		
Serum	Total HCG		
Serum	Thyroid stimulating Hormone (TSH)		
Serum/Plasma	Vitamin B12		
Serum/Plasma	Vitamin D		



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HUMAN BODY FLUIDS (cont'd)	<u>Automated Clinical Chemistry- Immunoassay</u> (cont'd)	<u>In house documented methods incorporating manufacturers' instructions as required</u>	
Serum	AFP (Alpha-Foetoprotein)	Roche Cobas Pro e801 using chemiluminometric methods	HHH WGH
	BHCG		
	BNP	Routine Operation; BIO-MP1-53 Cobas Infinity v2	
	CA-125		
	CA 19-9		
	CEA (Carcinoembryonic Antigen)		
	Cortisol		
	Digoxin		
	Ferritin		
	Folate		
	Follicle Stimulating Hormone (FSH)		
	Free Triiodothyronine (T3)		
	Free Thyroxine (T4)		
	Luteinising Hormone (LH)		
	Oestrodial		
	Progesterone		
	Total PSA (Prostate Specific Antigen)		
	PTH (Parathyroid hormone)		
	Sex Hormone Binding Globulin (SBHG)		
	Procalcitonin		HHH only



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HUMAN BODY FLUIDS (cont'd)	<u>Automated Clinical Chemistry-Immunoassay (cont'd):</u>	<u>In house documented methods incorporating manufacturers' instructions as required</u>	
Serum	Total HCG	Roche Cobas Pro e801 using chemiluminometric methods	HHH WGH
	HS Troponin I		
	Thyroid Stimulating Hormone (TSH)	Routine Operation; BIO-MP1-53 Cobas Infinity v2	
	NT-proBNP		
	Testosterone		WGH only
	Vitamin B12		
	Vitamin D		
	<u>Automated Clinical Chemistry:</u>	Roche Cobas c702 Analyser using photometric techniques	HHH
Serum	Valproate	SOP: CPSOPLABCLIN43	
Serum	Paracetamol	SOP: CPSOPLABCLIN54	
Serum/Plasma	Albumin	SOP: CPSOPLABCLIN14	
Serum/Plasma	ALP (Alkaline Phosphatase)	SOP: CPSOPLABCLIN16	
Serum/Plasma	ALT (Alanine transaminase)	SOP: CPSOPLABCLIN17	
Serum/Plasma	Alcohol	SOP: CPSOPLABCLIN15	
Serum	Amikacin	SOP; CPSOPLABCLIN102	
Plasma	Ammonia	SOP: CPSOPLABCLIN18	
Serum/Plasma	Amylase	SOP: CPSOPLABCLIN19	
Serum/Plasma	AST (Aspartate aminotransferase)	SOP: CPSOPLABCLIN20	
Serum	Bile Acids	SOP: CPSOPLABCLIN48	
Serum/Plasma	Conjugated Bilirubin	SOP: CPSOPLABCLIN25	
Serum/Plasma	Urea	SOP: CPSOPLABCLIN42	



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities</u> (cont'd)	<u>In house documented methods incorporating manufacturers' instructions as required</u>	HHH
	<u>Automated Clinical Chemistry</u> (cont'd)	Roche Cobas c702 Analyser using photometric techniques (cont'd)	
Serum/Plasma	Calcium	SOP: CPSOPLABCLIN44	
Serum/Plasma	Cholesterol	SOP: CPSOPLABCLIN22	
Serum/Plasma	Creatinine Kinase	SOP: CPSOPLABCLIN45	
Serum	Carbamazepine	SOP: CPSOPLABCLIN53	
Serum/Plasma	Creatinine	SOP: CPSOPLABCLIN28 (Jaffe enzymatic)	
Serum	Gentamicin	CPSOPLABCLIN99	
Serum/Plasma	C-Reactive Protein (CRP)	SOP: CPSOPLABCLIN23	
Serum/Plasma	Bicarbonate	SOP: CPSOPLABCLIN21	
Serum/Plasma	Iron	SOP: CPSOPLABCLIN30	
Serum/Plasma	GGT (Gamma Glutamyltransferase)	SOP: CPSOPLABCLIN26	
Plasma	Glucose	SOP: CPSOPLABCLIN46	
Plasma	Lactate	SOP: CPSOPLABCLIN51	
Serum	Lactate Dehydrogenase	SOP: CPSOPLABCLIN32	
Serum	Lithium	SOP: CPSOPLABCLIN33	
Serum/Plasma	Magnesium	SOP: CPSOPLABCLIN34	
Serum	Phenytoin	SOP: CPSOPLABCLIN36	



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities</u> (cont'd)	<u>In house documented methods incorporating manufacturers' instructions as required</u>	HHH
	<u>Automated Clinical Chemistry</u> (cont'd)	Roche Cobas c702 Analyser using photometric techniques (cont'd)	
Serum	Phosphate	SOP: CPSOPLABCLIN37	
Serum	Salicylate	SOP: CPSOPLABCLIN55	
Serum	Total Bilirubin	SOP: CPSOPLABCLIN40	
Serum	Theophylline	SOP: CPSOPLABCLIN39	
Serum/Plasma	Total Protein	SOP: CPSOPLABCLIN41	
Serum /Plasma	Triglyceride	SOP: CPSOPLABCLIN47	
Serum/Plasma	Uric Acid	SOP: CPSOPLABCLIN52	
Serum	Rheumatoid Factor	SOP: CPSOPLABCLIN13	
Serum	Angiotensin Converting Enzyme (ACE)	SOP: CPSOPLABCLIN65	
Serum	Alpha-1-Antitrypsin	SOP: CPSOPLABCLIN62	
Serum	Complement C3	SOP: CPSOPLABCLIN58	
Serum	Complement C4	SOP: CPSOPLABCLIN58	



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities</u> (cont'd)	<u>In house documented methods incorporating manufacturers' instructions as required</u>	
Serum	IgA	Roche Cobas c702 Analyser using photometric techniques (cont'd) SOP: CPSOPLABCLIN29	HHH
Serum	IgG	SOP: CPSOPLABCLIN29	
Serum	IgM	SOP: CPSOPLABCLIN29	
Serum	Transferrin	SOP: CPSOPLABCLIN60	
	<u>Urine Chemistries</u>	Roche Cobas c702 Analyser using photometric techniques	HHH
Urine	Total Protein	SOP: CPSOPLABCLIN56	
Urine	Microalbumin	SOP: CPSOPLABCLIN50	
Urine	Calcium	SOP: CPSOPLABCLIN44	
Urine	Creatinine (Jaffe enzymatic)	SOP: CPSOPLABCLIN28	
Urine	Bilirubin	SOP:	
Urine	Magnesium	SOP:	
Urine	Sodium	SOP:	



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities</u> (cont'd)	<u>In house documented methods incorporating manufacturers' instructions as required</u>	WGH
	<u>Automated Clinical Chemistry:</u>	Roche Cobas Pure c703 Analyser using photometric techniques SOPs: BIO-EAL3-24 and BIO-MP1-53	
Serum	Valproate		
Serum	Paracetamol		
Serum/Plasma	Albumin		
Serum/Plasma	ALP (Alkaline Phosphatase)		
Serum/Plasma	ALT (Alanine transaminase)		
Serum/Plasma	Alcohol		
Serum	Amikacin		
Plasma	Ammonia		
Serum/Plasma	Amylase		
Serum/Plasma	AST (Aspartate aminotransferase)		
Serum	Bile Acids		
Serum/Plasma	Conjugated Bilirubin		
Serum/Plasma	Urea		
Serum/Plasma	Calcium		
Serum/Plasma	Cholesterol		
Serum/Plasma	Creatinine Kinase		
Serum	Carbamazepine		
Serum/Plasma	Creatinine		



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities</u> (cont'd)	<u>In house documented methods incorporating manufacturers' instructions as required</u>	WGH
	<u>Automated Clinical Chemistry</u> (cont'd):	Roche Cobas Pure c703 Analyser using photometric techniques SOPs: BIO-EAL3-24 and BIO-MP1-53	
Serum	Gentamicin		
Serum/Plasma	C-Reactive Protein (CRP)		
Serum/Plasma	Bicarbonate		
Serum/Plasma	Iron		
Serum/Plasma	GGT (Gamma Glutamyltransferase)		
Plasma	Glucose		
Plasma	Lactate		
Serum	Lactate Dehydrogenase		
Serum	Lithium		
Serum/Plasma	Magnesium		
Serum	Phenytoin		
Serum	Phosphate		
Serum	Salicylate		
Serum	Total Bilirubin		
Serum	Theophylline		
Serum/Plasma	Total Protein		
Serum /Plasma	Triglyceride		
Serum/Plasma	Uric Acid		



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities (cont'd)</u>	In house documented methods incorporating manufacturers' instructions as required	WGH
	<u>Automated Clinical Chemistry (cont'd):</u>	Roche Cobas Pure c703 Analyser using photometric techniques SOPs: BIO-EAL3-24 and BIO-MP1-53	
Serum	Rheumatoid Factor		
Serum	Angiotensin Converting Enzyme (ACE)		
Serum	Alpha-1-Antitrypsin		
Serum	Complement C3		
Serum	Complement C4		
Serum	IgA		
Serum	IgG		
Serum	IgM		
Serum	Transferrin		



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities (cont'd)</u>	In house documented methods incorporating manufacturers' instructions as required	WGH
	<u>Urine Chemistries</u>	Roche Cobas Pure c703 Analyser using photometric techniques SOPs: BIO-EAL3-24 and BIO-MP1-53	
Urine	Total Protein		
Urine	Microalbumin		
Urine	Calcium		
Urine	Creatinine (Jaffe enzymatic)		
Urine	Phosphate		
Urine	Potassium		
Urine	Uric Acid		
Urine	Urea		
Urine	Bilirubin		
Urine	Magnesium		
Urine	Sodium		



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities</u> (cont'd)	<u>In house documented methods incorporating manufacturers' instructions as required</u> Roche Cobas ISE 9180 Analyser using direct ISE method CPSOPLABCLIN31	
Serum/Plasma/Whole Blood EDTA	Chloride		HHH
Serum/Plasma			WGH
Serum/EDTA whole blood	Sodium		HHH
Serum only			WGH
EDTA Whole Blood	Potassium		HHH
Serum/Plasma			WGH
	<u>Calculated Results:</u>		
Calculated	AKI	Calculated	WGH HHH
Calculated	eGFR	Calculated	WGH HHH
Calculated	Adjusted Calcium	Calculated	WGH HHH
Calculated	LDL Cholesterol	Calculated	WGH HHH
Calculated	Non HDL Cholesterol	Calculated	WGH HHH
Calculated	Transferrin saturation	Calculated	WGH HHH
Calculated	Testosterone/SHBG ratio	Calculated	WGH HHH



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities</u> (cont'd)	<u>In house documented methods incorporating manufacturers' instructions as required</u>	
	<u>Proteins:</u>		
Urine	Bence Jones Protein	Sebia Hydrasys (Gel) Zone Electrophoresis (Hydrigel) SOP: CPSOPLABCLIN66	HHH
Urine	Paraprotein typing and quantitation	Sebia Hydrasys (Gel) Classical Zone Electrophoresis (Hydrigel) SOP: CPSOPLABCLIN66	HHH
Serum	Paraprotein typing and quantitation (Serum Immunofixation)	Sebia Hydrasys (Gel) Zone Electrophoresis (Hydrigel) SOP: CPSOPLABCLIN69	HHH
Serum	Paraprotein typing and quantitation	Sebia Capillary Electrophoresis Classical Zone Electrophoresis and Liquid Chromatography SOP: CPSOPLABCLIN68 & CPSOPLABCLIN67	HHH



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities</u> (cont'd)	<u>In house documented methods incorporating manufacturers' instructions as required</u>	
EDTA Whole Blood	<u>Miscellaneous Assays:</u> Glycated Haemoglobin	Analysis by HPLC using TOSOH G11. SOP: BIO-BNRR-2	HHH WGH
CSF	Xanthochromia	Spectral Scan SOP: CPSOPLABCLIN4	WGH
Serum and Urine	Osmolality	Freezing point depression using Advanced Instruments OsmoPRO MAX SOP BIO-60RR-2	WGH
Faeces	Faecal immunochemical testing (FIT)	OC Sensor iO	HHH
END			