

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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



8663

Accredited to
ISO 15189:2022

The Royal Wolverhampton NHS Trust operating as Black Country Pathology Services

Issue No: 010 Issue date: 18 July 2024

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Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u>	Documented procedures & manufacturer's instructions for ABBOTT Alinity c module analyser with specific reference to: CHE/SOP/066
Serum or Li/He Plasma unless otherwise stated		
Serum only	ACE	Enzymatic
Serum, Li/He Plasma & Urine	Albumin	Colourimetric
	ALP	Enzymatic
	Alpha 1 Antitrypsin	Immunoturbidimetric
	ALT	Enzymatic
Li/He Plasma	Ammonia	Colourimetric
Serum, Li/He Plasma & Urine	Amylase	Enzymatic
	AST	Enzymatic
Plasma	Beta 2 Microglobulin	Immunoturbidimetric
	Bicarbonate	Colourimetric
Plasma	Bile Acids	Colourimetric
	Bilirubin (Total)	Colourimetric
	Bilirubin (Direct)	Colourimetric
	C3	Immunoturbidimetric
	C4	Immunoturbidimetric
	CO2	Colourimetric



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented procedures & manufacturer's instructions for ABBOTT Alinity c module analyser with specific reference to: CHE/SOP/066
Serum or Li/He Plasma unless otherwise stated (cont'd)	CK	Colourimetric
	C Reactive Protein (CRP)	Immunoturbidimetric
Serum, Li/He Plasma & Urine	Creatinine	Colourimetric
	Caeruloplasmin	Immunoturbidimetric
Serum, Li/He Plasma and Urine	Calcium	Colourimetric
Serum, Li/He Plasma and Urine	Chloride	Indirect ISE
	Cholesterol	Colourimetric
	Ethanol	Colourimetric
	Fructosamine	Colourimetric
	GGT	Colourimetric
Serum/Li/He Plasma/CSF/Urine	Glucose	Colourimetric
	HDL Cholesterol	Colourimetric
	IgA	Immunoturbidimetric
	IgG	Immunoturbidimetric
	IgM	Immunoturbidimetric
	Iron	Colourimetric
Plasma	Lactate	Colourimetric
	LDH	Enzymatic
	Lipase	Immunoturbidimetric
Serum, Li/He Plasma & Urine	Magnesium	Colourimetric
Urine	Microalbumin	Colourimetric
Serum, Li/He Plasma & Urine	Potassium	Indirect ISE
Serum, Li/He Plasma & Urine	Phosphate	Colourimetric



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	Documented procedures & manufacturer's instructions for ABBOTT Alinity c module analyser with specific reference to: CHE/SOP/066
Serum or Li/He Plasma unless otherwise stated (cont'd)		
Serum, Li/He Plasma & CSF/Urine	Protein	Colourimetric
Serum	Rheumatoid Factor	Photometric
Serum, Li/He Plasma & Urine	Sodium	Indirect ISE
	Transferrin	Photometric
	Triglyceride	Colourimetric
Serum, Li/He Plasma & Urine	Urate	Colourimetric
Serum, Li/He Plasma & Urine	Urea	Colourimetric
	Amikacin	PETINIA
	Carbamazepine	PETINIA
	Digoxin	PETINIA
	Gentamicin	PETINIA
	Lithium	Colourimetric
	Paracetamol	Colourimetric
	Phenytoin	Colourimetric
	Procalcitonin	Two Step Immunoassay
	Salicylate	Colourimetric
	Tobramycin	PETINIA
	Theophylline	Enzymatic
	Valproate	PETINIA
	Vancomycin	PETINIA



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum or Li/He Plasma unless otherwise stated (cont'd)</p>	<p><u>Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)</p> <p>AFP</p> <p>CA 19-9</p> <p>CA125</p> <p>CA15-3</p> <p>CEA</p> <p>Cortisol</p> <p>Free T3</p> <p>Free T4</p> <p>FSH</p> <p>LH</p> <p>HCG (pregnancy)</p> <p>NT-proBNP</p> <p>Oestradiol</p> <p>Progesterone</p> <p>Prolactin</p> <p>PSA (Total)</p> <p>PTH</p> <p>Sex hormone binding globulin (SHBG)</p> <p>Testosterone</p> <p>Thyroid peroxidase antibodies</p> <p>TSH</p>	<p>Documented procedures & manufacturer's instructions for ABBOTT Architect c16000 analyser with specific reference to: F2.141P.CHE</p>



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum or Li/He Plasma unless otherwise stated (cont'd)</p>	<p><u>Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)</p> <p>Troponin I (HS)</p> <p>Ferritin</p> <p>Folate</p> <p>Active B12</p> <p>Vitamin D</p>	<p>Documented procedures & manufacturer's instructions for ABBOTT Architect c16000 analyser with specific reference to: F2.141P.CHE</p> <p>Documented procedures & manufacturer's instructions for ABBOTT Alinity c module analyser with specific reference to: CHE/SOP/062</p>
Calculation as above	Calculated tests:	
Serum/Plasma	Adjusted Calcium	
Serum/Plasma	eGFR	
Serum/Plasma	AKI	
Serum/Plasma	LDL-Cholesterol	
Serum/Plasma	Non-HDL Cholesterol	
Serum/Plasma	Total Iron Binding Capacity (and % Transferrin saturation)	
Serum/Plasma	Macroprolactin (monomeric Prolactin and Macroprolactin recovery)	
Urine	Albumin Creatinine Ratio	
Urine	Protein Creatinine Ratio	
Urine	Calcium Creatinine Ratio	



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	Documented procedures & manufacturer's instructions for Sebia Hydrasys gel electrophoresis and immunofixation technology with specific reference to: F2.I035P.IMM
Serum or Li/He Plasma unless otherwise stated (cont'd)		
Urine	Bence Jones protein (BJP): Detection, identification and quantitation of urine monoclonal protein and protein fragments	
Serum or Li/He Plasma unless otherwise stated		Documented procedures & manufacturer's instructions for Siemens Rapid Point 500 Blood Gas analyser with specific reference to:
Whole blood	pO2/pCO2/H+/Hb/Carboxy Hb/Met Hb Sodium and potassium	D1.142P.CHE Direct ISE D1.142P.CHE
CSF	Xanthochromia	Documented procedures & manufacturer's instructions for UVIKON XS Photodiode Spectrophotometer with specific reference to F1.126P.CHE
Urine	Total Porphyrin	F2.179P.CHE
Urine	Porphobilinogen (PBG)	F2.087P.CHE with Water Recipe Easy extraction kit Documented procedures & manufacturer's instructions for Advanced Micro Osmometer with specific reference to:
Serum, Li/He Plasma & Urine	Osmolality	F2.078P.CHE



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	
Serum or Li/He Plasma unless otherwise stated (cont'd)		Documented procedures & manufacturer's instructions for Sherwood 926S with specific reference to:
Sweat	Sweat Chloride	F2.107P.CHE
Sweat	Sweat conductivity	Documented procedures & manufacturer's instructions for Wescor Sweat Conductivity Analyser with specific reference to: F2.107P.CHE
Urine	pH	Documented procedures & manufacturer's instructions for Urysis meter colourimetric analysis with specific reference to: F2.132P.CHE
Urine	leucocytes	
Urine	Ketones	
Urine	Urobilinogen	
Urine	Bilirubin	
Urine	Erythrocytes	
Urine	Haemoglobin	
Urine	Specific Gravity	
Urine	Nitrite	
Urine	Protein	
Urine	Glucose	



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HUMAN BODY FLUIDS (cont'd) Serum	<u>Immunology examination activities for the purpose of clinical diagnosis</u> ANCA Antinuclear antibodies (Hep2) and titre Autoimmune screen/Liver screen	Documented procedures & manufacturer's instructions for Werfen ASP1200 diluter methods using indirect immunofluorescence with specific reference to: D3.I001P.IMM
END		