

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL</p> <p>8663</p> <p>Accredited to ISO 15189:2012</p>	<p>The Royal Wolverhampton NHS Trust operating as Black Country Pathology Services</p> <p>Issue No: 007 Issue date: 20 October 2021</p>	
	<p>Department of Biochemistry Pathology Centre C37 New Cross Hospital Wolverhampton Road Wolverhampton WV10 0QP United Kingdom</p>	<p>Contact: Katy New Tel: +44 (0)1902 07999 ext. 8247 E-Mail: katy.new@nhs.net Website: www.royalwolverhampton.nhs.uk</p>
<p>Testing performed at the above address only</p>		

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 Architect c16000 analyser with specific reference to: F2.141P.CHE	
Serum or Li/He Plasma unless otherwise stated	ACE	Enzymatic	
	Albumin	Photometric	
	ALP	Enzymatic	
	Alpha 1 Antitrypsin	Photometric	
	ALT	Enzymatic	
	Li/He Plasma	Ammonia	Photometric
	Serum, Li/He Plasma & Urine	Amylase	Enzymatic
		AST	Enzymatic
		Beta 2 Microglobulin	Photometric
		Bicarbonate	Photometric
Bile Acids		Photometric	
	Bilirubin	Photometric	
	C3	Photometric	
	C4	Photometric	



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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 Architect c16000 analyser with specific reference to: F2.141P.CHE
Serum or Li/He Plasma unless otherwise stated (cont'd)	CPK	Enzymatic
	C Reactive Protein (CRP)	Photometric
Serum, Li/He Plasma & Urine	Creatinine	Photometric
	Caeruloplasmin	Photometric
	Calcium	Photometric
	Chloride	Indirect ISE
	Cholesterol	Photometric
	Direct Bilirubin	Photometric
	Fructosamine	Photometric
	GGT	Enzymatic
Plasma/CSF (fluoride EDTA)	Glucose	Photometric
	HDL Cholesterol	Photometric
	IgA	Photometric
	IgG	Photometric
	IgM	Photometric
	Iron	Photometric
Plasma/CSF (fluoride EDTA)	Lactate	Photometric
	LDH	Enzymatic
Serum, Li/He Plasma & Urine	Magnesium	Photometric
Urine	Microalbumin	Photometric
Serum, Li/He Plasma & Urine	Potassium	Indirect ISE



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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 Architect c16000 analyser with specific reference to: F2.141P.CHE
Serum, Li/He Plasma & Urine	Phosphate	Photometric
Serum, Li/He Plasma & CSF/Urine	Protein	Photometric
Serum or Li/He Plasma	Rheumatoid Factor	Photometric
Serum, Li/He Plasma & Urine	Sodium	Indirect ISE
	Transferrin	Photometric
	Triglyceride	Photometric
Serum, Li/He Plasma & Urine	Urate	Photometric
Serum, Li/He Plasma & Urine	Urea	Photometric
	Carbamazepine	Photometric
	Digoxin	Photometric
	Gentamicin	Photometric
	Lithium	Photometric
	Paracetamol	Photometric
	Phenytoin	Photometric
	Salicylate	Photometric
	Tobramycin	Photometric
	Theophylline	Photometric
	Valproate	Photometric
	Vancomycin	Photometric



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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 Architect c16000 analyser with specific reference to: F2.141P.CHE
Faeces	<u>Detection and quantitation of calprotectin</u>	Buhlmann f-CAL Turbo on the Abbott Architect c16000 using particle enhanced immuno turbidimetric assay (PETIA). and Buhlmann CALEX® Cap Stool Devices in conjunction with the in house documented procedure F2.147P.CHE
Serum or Li/He Plasma unless otherwise stated (cont'd)	AFP CA 19-9 CA125 CA15-3 CEA Cortisol Free T3 Free T4 FSH LH HCG (pregnancy) Oestradiol Progesterone Prolactin	Documented procedures & manufacturer's instructions for ABBOTT Architect i2000 Immunoassay analyser with specific reference to: F1.142P.CHE



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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>PSA</p> <p>PTH</p> <p>Sex hormone binding globulin (SHBG)</p> <p>Testosterone (adult male)</p> <p>Thyroid peroxidase antibodies</p> <p>TSH</p> <p>Troponin I (HS)</p> <p>Ferritin</p> <p>Folate</p> <p>Vitamin B12</p>	<p>Documented procedures & manufacturer's instructions for ABBOTT Architect i2000 Immunoassay analyser with specific reference to: F1.142P.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>EDTA Plasma</p> <p>Serum & Plasma</p>	<p><u>Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)</p> <p>HCG (Tumour marker)</p> <p>PTH (Intra operative)</p> <p>IGF-1</p>	<p>Documented procedures & manufacturer's instructions for Roche Cobas e411 Immunoassay analyser with specific reference to F2.170P.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>Documented procedures & manufacturer's instructions for Sebia Capillary electrophoresis Cap 3 analysers with specific reference to:</p>
<p>Whole blood, EDTA, Flu EDTA</p>	<p>HbA1c</p>	<p>F2.171P.CHE</p>
<p>Serum</p>	<p>Detection, identification and quantitation of serum Paraproteins IgG, IgA and IgM classes</p>	<p>Documented procedures & manufacturer's instructions for Sebia Capillary electrophoresis Cap 3 analysers with specific reference to:</p> <p>F2.I081P.IMM</p>
<p>Urine</p>	<p>Bence Jones protein (BJP):</p> <p>Detection, identification and quantitation of urine monoclonal protein and protein fragments</p>	<p>Documented procedures & manufacturer's instructions for Sebia Hydrasys gel electrophoresis and immunofixation technology with specific reference to:</p> <p>F2.I035P.IMM</p>



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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 Siemens Rapid Point 500 Blood Gas analyser with specific reference to:
Serum or Li/He Plasma unless otherwise stated (cont'd)		
Whole blood	pO ₂ /pCO ₂ /H ⁺ /Hb/Carboxy Hb/Met Hb	D1.142P.CHE
	Sodium and potassium	Direct ISE D1.142P.CHE
		Documented procedures & manufacturer's instructions for UVIKON XS Photodiode Spectrophotometer with specific reference to
CSF	Xanthochromia	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
		Documented procedures & manufacturer's instructions for Sherwood 926S with specific reference to:
Sweat	Sweat Chloride	F2.107P.CHE
		Documented procedures & manufacturer's instructions for Wescor Sweat Conductivity Analyser with specific reference to:
Sweat	Sweat conductivity	F2.107P.CHE



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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 Urysis meter colourimetric analysis with specific reference to: F2.132P.CHE
Serum or Li/He Plasma unless otherwise stated (cont'd)		
Urine	pH	
Urine	leucocytes	
Urine	Ketones	
Urine	Urobilinogen	
Urine	Bilirubin	
Urine	Erythrocytes	
Urine	Haemoglobin	
Urine	Specific Gravity	
Urine	Nitrite	
Urine	Protein	
Urine	Glucose	
Serum unless otherwise stated	<u>Immunology examination activities for the purposes of clinical diagnosis</u>	Documented procedures & manufacturer's instructions for Werfen ASP1200 diluter methods using indirect immunofluorescence with specific reference to: D3.I001P.IMM
	ANCA	
	Antinuclear antibodies (Hep2) and titre	
	Autoimmune screen/Liver screen	
	Myeloperoxidase (MPO)	Documented procedures & manufacturer's instructions for Thermofisher (Phadia) Immunocap 250 EliA technology with specific reference to: F2.I067P.HAE



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum unless otherwise stated (cont'd)</p>	<p><u>Immunology examination activities for the purposes of clinical diagnosis</u> (cont'd)</p> <p>Proteinase 3 (PR3)</p> <p>ENA screen and profile</p> <p>TTG antibodies IgA/IgG</p> <p>Anti CCP</p> <p>DNA antibodies</p> <p>Anti cardiolipin antibodies (IgG)</p> <p>GBM antibodies</p> <p>Tryptase</p> <p>Aspergillus IgG</p> <p>Avian Precipitins</p> <p>Total IgE</p> <p>Specific IgE to:</p> <p>Grass Pollens</p> <p>Weed Pollens</p> <p>Tree Pollens</p> <p>Moulds</p> <p>Microorganisms</p> <p>Epidermals and animal proteins</p> <p>Mites</p> <p>Venoms</p> <p>Drugs</p>	<p>Documented procedures & manufacturer's instructions for Thermofisher (Phadia) Immucap 250 EliA technology with specific reference to: F2.I067P.HAE</p> <p>Documented procedures & manufacturer's instructions for Thermofisher (Phadia) Immucap 250 Immucap technology with specific reference to: F2.I067P.HAE</p>



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purposes of clinical diagnosis</u> (cont'd)	Documented procedures & manufacturer;s instructions for Thermofisher (Phadia) Immunocap 250 Immunocap technology with specific reference to: F2.I067P.HAE
Serum unless otherwise stated (cont'd)	Foods – Fruits and vegetables Foods – Seeds, legumes and nuts Spices Fish, Shellfish and molluscs Egg and Fowl Meat Milk Foods – Miscellaneous Mixes Skin antibodies Endomysial antibodies Islet cell antibodies Crithidia C1 Esterase inhibitor Serum Free Light Chains (Kappa and Lambda) IgG subclasses	



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purposes of clinical diagnosis</u> (cont'd) Intrinsic Factor antibodies Tetanus Toxoid antibodies Pneumococcal antibodies Human Influenzae B antibodies GAD antibodies	Documented procedures & manufacturer's instructions for Werfen DS2 ELISA technology with specific reference to: F2.I069P.IMM
END		