


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>8663</b> Accredited to ISO 15189: 2022	<b>The Royal Wolverhampton NHS Trust operating as Black Country Pathology Services</b>	
	Issue No: 014    Issue date: 14 November 2025	
	<b>Address</b> Department of Biochemistry Pathology Centre C37 New Cross Hospital Wolverhampton Road Wolverhampton WV10 0QP United Kingdom	<b>Contact: Katy New</b> Tel: +44 (0)1902 307999 ext. 88247 E-Mail: <a href="mailto:katy.new@nhs.net">katy.new@nhs.net</a> Website: <a href="http://www.royalwolverhampton.nhs.uk">www.royalwolverhampton.nhs.uk</a>

**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
Department of Biochemistry Pathology Centre C37 New Cross Hospital Wolverhampton Road Wolverhampton WV10 0QP	Local Contact: Jaspal Ghale	Biochemistry Investigations for the purposes of clinical diagnosis	A
Department of Biochemistry Walsall Manor Hospital Moat Road Walsall WS2 9PS	Local Contact: Jaspal Ghale	Biochemistry Investigations for the purposes of clinical diagnosis	B
Department of Biochemistry Russells Hall Hospital Pensnett Road Dudley DY1 2HQ	Local Contact: Nazir Ahmed	Biochemistry Investigations for the purposes of clinical diagnosis	C
Department of Biochemistry Floor 4 Midland Metropolitan University Hospital Grove Lane, Smethwick, Birmingham B66 2RT	Local Contact: Nazir Ahmed	Biochemistry Investigations for the purposes of clinical diagnosis	D



8663  
Accredited to  
ISO 15189: 2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**The Royal Wolverhampton NHS Trust operating as  
Black Country Pathology Services**

**Issue No: 014 Issue date: 14 November 2025**

Testing performed by the Organisation at the locations specified

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 activities for the purpose of clinical diagnosis</u>	ABBOTT Alinity c module analyser CHE/SOP/066	
Serum or Li/He Plasma unless otherwise stated			
Serum only	ACE	Enzymatic	A
Serum, Li/He Plasma & Urine	Albumin	Colourimetric	A, B,C,D
	ALP	Enzymatic	A, B,C,D
	Alpha 1 Antitrypsin	Immunoturbidimetric	A, B,D
	ALT	Enzymatic	A, B,C,D
Li/He Plasma	Ammonia	Colourimetric	A, B,C,D
Serum, Li/He Plasma & Urine	Amylase	Enzymatic	A, B,C,D
	AST	Enzymatic	A, B,C,D
	Beta 2 Microglobulin	Immunoturbidimetric	A,
	Bicarbonate (CO <sub>2</sub> )	Colourimetric	A,B,C,D
	Bile Acids	Colourimetric	A, B,C,D
	Bilirubin (Total)	Colourimetric	A, B,C,D
	Bilirubin (Direct)	Colourimetric	A, B,C,D
	C3	Immunoturbidimetric	A, B,C,D
	C4	Immunoturbidimetric	A,B,C,D



8663  
Accredited to  
ISO 15189: 2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**The Royal Wolverhampton NHS Trust operating as  
Black Country Pathology Services**

**Issue No: 014 Issue date: 14 November 2025**

**Testing performed by the Organisation at the locations specified**

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 for the purpose of clinical diagnosis (cont'd)</u>	ABBOTT Alinity c module analyser CHE/SOP/066	A, B,C,D
Serum or Li/He Plasma unless otherwise stated (cont'd)	CK	Colourimetric	A, B,C,D
	C Reactive Protein (CRP)	Immunoturbidimetric	A, B,C,D
Serum, Li/He Plasma & Urine	Creatinine	Colourimetric	A, B,C,D
	Caeruloplasmin	Immunoturbidimetric	A, B,C,D
Serum, Li/He Plasma and Urine	Calcium	Colourimetric	A, B,C,D
Serum, Li/He Plasma and Urine	Chloride	Indirect ISE	A, B,C,D
	Cholesterol	Colourimetric	A, B,C,D
	Ethanol	Colourimetric	, B,C,D
	Fructosamine	Colourimetric	A, D
	GGT	Colourimetric	A, B,C,D
Serum/Li/He Plasma/CSF/Urine	Glucose	Colourimetric	A, B,C,D
	Haptoglobin	Immunoturbidimetric	A, B,C,D
	HDL Cholesterol	Colourimetric	A, B,C,D
	IgA	Immunoturbidimetric	A, B,C,D
	IgG	Immunoturbidimetric	A, B,C,D
	IgM	Immunoturbidimetric	A, B,C,D
	Iron	Colourimetric	A, B,C,D



8663  
Accredited to  
ISO 15189: 2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**The Royal Wolverhampton NHS Trust operating as  
Black Country Pathology Services**

**Issue No: 014 Issue date: 14 November 2025**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd) Serum or Li/He Plasma unless otherwise stated (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	ABBOTT Alinity c module analyser CHE/SOP/066	A, B,C,D
Plasma	Lactate	Colourimetric	A, B,C,D
	LDH	Enzymatic	A, B,C,D
	Lipoprotein (a)	Immunoturbidimetric	C
Serum, Li/He Plasma & Urine	Magnesium	Colourimetric	A, B,C,D
Urine	Microalbumin	Colourimetric	A, B,C,D
Serum, Li/He Plasma & Urine	Potassium	Indirect ISE	A, B,C,D
Serum, Li/He Plasma & Urine	Phosphate	Colourimetric	A, B,C,D
Serum, Li/He Plasma & CSF/Urine	Protein (Total)	Colourimetric	A, B,C,D
Serum	Rheumatoid Factor	Photometric	A, B,C,D
Serum, Li/He Plasma & Urine	Sodium	Indirect ISE	A, B,C,D
	Transferrin	Photometric	A, B,C,D
	Triglyceride	Colourimetric	A, B,C,D
Serum, Li/He Plasma & Urine	Urate	Colourimetric	A, B,C,D
Serum, Li/He Plasma & Urine	Urea	Colourimetric	A, B,C,D



8663  
Accredited to  
ISO 15189: 2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**The Royal Wolverhampton NHS Trust operating as  
Black Country Pathology Services**

**Issue No: 014 Issue date: 14 November 2025**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)  Serum or Li/He Plasma unless otherwise stated (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	ABBOTT Alinity c module analyser CHE/SOP/066	A, B,C,D
	Carbamazepine	PETINIA	A, B,C,D
	Digoxin	PETINIA	A, B,C,D
	Gentamicin	PETINIA	A, B,C,D
	Lithium	Colourimetric	A, B,C,D
	Paracetamol	Colourimetric	A, B,C,D
	Phenobarbital	PETINIA	A, B,C,D
	Phenytoin	Colourimetric	A, B,C,D
	Procalcitonin	Two Step Immunoassay	A,B,C,D
	Salicylate	Colourimetric	A, B,C,D
	Tobramycin	PETINIA	A
	Theophylline	Enzymatic	A, B,C,D
	Valproate	PETINIA	A, B, D
	Vancomycin	PETINIA	A, C,D
	6-MAM	Immunoassay	D
	EDDP	Immunoassay	D



8663  
Accredited to  
ISO 15189: 2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**The Royal Wolverhampton NHS Trust operating as  
Black Country Pathology Services**

**Issue No: 014 Issue date: 14 November 2025**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)  Serum or Li/He Plasma unless otherwise stated (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	ABBOTT Alinity i module analyser CHE/SOP/066	A, B,C,D
	AFP	Immunoassay	A, B,C,D
	CA 19-9	Immunoassay	A, B,C,D
	CA125	Immunoassay	A, B,C,D
	CA15-3	Immunoassay	A, B,C,D
	CEA	Immunoassay	A, B,C,D
	Cortisol	Immunoassay	A, B,C,D
	C-peptide	Immunoassay	C
	Free T3	Immunoassay	A, B,C,D
	Free T4	Immunoassay	A, B,C,D
	FSH	Immunoassay	A, B,C,D
	LH	Immunoassay	A, B,C,D
	HCG (pregnancy)	Immunoassay	A, B,C,D
	Insulin	Immunoassay	C
	NT-proBNP	Immunoassay	A, B,C,D
	Oestradiol	Immunoassay	A, B,C,D
	Progesterone	Immunoassay	A, B,C,D
	Prolactin	Immunoassay	A, B,C,D
	PSA (Total)	Immunoassay	A, B,C,D
	PTH	Immunoassay	A, B,C,D



8663

Accredited to  
ISO 15189: 2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**The Royal Wolverhampton NHS Trust operating as  
Black Country Pathology Services**

**Issue No: 014 Issue date: 14 November 2025**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)  Serum or Li/He Plasma unless otherwise stated (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	ABBOTT Alinity i module analyser CHE/SOP/066	A, B,C,D
	Sex hormone binding globulin (SHBG)	Immunoassay	A, B,C,D
	Testosterone	Immunoassay	A, B,C,D
	Thyroid peroxidase antibodies (anti-TPO)	Immunoassay	A, C
	Thyroid Receptor antibodies (TRAB)	Immunoassay	C
	TSH	Immunoassay	A, B,C,D
	Troponin I (HS)	Immunoassay	A, B,C,D
	Ferritin	Immunoassay	A, B,C,D
	Folate	Immunoassay	A, B,C,D
	Active B12	Immunoassay	A, B,C,D
	Vitamin D	Immunoassay	A, B,C,D



8663  
Accredited to  
ISO 15189: 2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**The Royal Wolverhampton NHS Trust operating as  
Black Country Pathology Services**

**Issue No: 014 Issue date: 14 November 2025**

**Testing performed by the Organisation at the locations specified**

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 for the purpose of clinical diagnosis</u> (cont'd)	ABBOTT Alinity analyser CHE/SOP/066	A, B,C,D
Serum or Li/He Plasma unless otherwise stated (cont'd)			
Calculation as above	Calculated tests:	Logic Rules in Winpath SOP/Bio/IT/00007	
Serum/Plasma	Adjusted Calcium		A, B,C,D
Serum/Plasma	eGFR		A, B,C,D
Serum/Plasma	AKI		A, B,C,D
	Calculated Globulins		A,B,C,D
Serum/Plasma	LDL-Cholesterol		A, B,C,D
Serum/Plasma	Non-HDL Cholesterol		A, B,C,D
	Troponin I		A,B,C,D
Serum/Plasma	Total Iron Binding Capacity (and % Transferrin saturation)		A, B,C,D
Serum/Plasma	Macroprolactin (monomeric Prolactin and Macroprolactin recovery)		A, C
Urine	Albumin Creatinine Ratio		A, B,C,D
Urine	Protein Creatinine Ratio		A, B,C,D
Urine	Calcium Creatinine Ratio Creatinine Clearance calculation		A, B,C,D A, B,C,D
Serum	Fibrosis 4 (FIB4 ) score		A, C
Serum	Enhanced Liver Fibrosis Score (ELF)		C



8663

Accredited to  
ISO 15189: 2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**The Royal Wolverhampton NHS Trust operating as  
Black Country Pathology Services**

**Issue No: 014 Issue date: 14 November 2025**

**Testing performed by the Organisation at the locations specified**

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 for the purpose of clinical diagnosis (cont'd)</u>	ABBOTT Alinity analyser CHE/SOP/066	A, B,C,D
Serum or Li/He Plasma unless otherwise stated (cont'd)			
Calculation as above	Calculated tests:  24 Hour urine excretion calculations: Albumin, Chloride, Creatinine, Magnesium, Phosphate, Potassium, Protein, Sodium, Urea, Uric Acid, Amylase, Calcium  HOMA-IR	Logic Rules in Winpath SOP/Bio/IT/00007	A, B,C,D



8663

Accredited to  
ISO 15189: 2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**The Royal Wolverhampton NHS Trust operating as  
Black Country Pathology Services**

**Issue No: 014 Issue date: 14 November 2025**

**Testing performed by the Organisation at the locations specified**

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 for the purpose of clinical diagnosis (cont'd)</u>		A, B,C,D
Serum or Li/He Plasma unless otherwise stated (cont'd)			
Whole blood	pO2/pCO2/H+/Hb/Carboxy Hb/Met Hb	Siemens Rapidpoint 500 Blood Gas Analyser CHE/SOP/029	A
Serum	Sodium	Siemens Rapidpoint 500 Blood Gas Analyser CHE/SOP/029	B, D
CSF	Xanthochromia	BIO-UV Spectrophotometer with BIO-C software Spectrophotometry CHE/SOP/049	A, B,C,D
Serum, Li/He Plasma & Urine	Osmolality	Advanced Instruments Osmo1 Micro-osmometer CHE/SOP/044	A, B,C,D



8663  
Accredited to  
ISO 15189: 2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**The Royal Wolverhampton NHS Trust operating as  
Black Country Pathology Services**

**Issue No: 014 Issue date: 14 November 2025**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)  Serum or Li/He Plasma unless otherwise stated (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)</u>		A, B,C,D
Urine	Detection, identification and quantitation of urine monoclonal protein and protein fragments  Immunofixation for Bence Jones protein (BJP):	Sebia Hydrasys 2 Immunofixation CHE/PRO/SOP/003	A
Serum	Immunofixation for all Paraproteins including IgD and IgE	Sebia Hydrasys 2 Immunofixation CHE/PRO/SOP/002	A
Serum	CDT	Sebia CAP3, Capillary 3 Electrophoresis analysers CHE/PRO/SOP/008	A
Serum	Paraproteins IgG, IgA and IgM- detection and quantification	Sebia CAP3, Capillary 3 Electrophoresis analysers CHE/PRO/SOP/001	A
Serum or plasma	Serum free kappa and lambda light chains (SFLC) IgG subclasses C1 inactivator.	Optilite analysers, turbidimetry CHE/PRO/SOP/005	A
Serum or plasma	Cryoglobulin	Serum/Cryo immunofixation CHE/PRO/SOP/004	A



8663  
Accredited to  
ISO 15189: 2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**The Royal Wolverhampton NHS Trust operating as  
Black Country Pathology Services**

**Issue No: 014 Issue date: 14 November 2025**

**Testing performed by the Organisation at the locations specified**

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 for the purpose of clinical diagnosis (cont'd)</u>		A, B,C,D
Serum or Li/He Plasma unless otherwise stated (cont'd)			
Sweat	Chloride conductivity	Sweat Test using WESCOR Chlorocheck 3400 and Sweat Chek 3120 Analysers CHE/SOP/152	C
		Urysis meter colourimetric analysis CHE/SOP/057	A
Urine	pH		
Urine	leucocytes		
Urine	Ketones		
Urine	Urobilinogen		
Urine	Bilirubin		
Urine	Erythrocytes		
Urine	Haemoglobin		
Urine	Specific Gravity		
Urine	Nitrite		
Urine	Protein		
Urine	Glucose		



8663

Accredited to  
ISO 15189: 2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**The Royal Wolverhampton NHS Trust operating as  
Black Country Pathology Services**

**Issue No: 014 Issue date: 14 November 2025**

**Testing performed by the Organisation at the locations specified**

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 for the purpose of clinical diagnosis (cont'd)</u>		
Serum or Li/He Plasma unless otherwise stated (cont'd)			
Serum	Bone alkaline phosphatase	ELISA (Tecan multiscan): CHE/SOP/138	C
Faeces	Faecal Immunochemical Test (FIT)	HM-JAcKarc – (Latex Agglutination – Integrating Sphere Turbidity) CHE/SOP/137	C
Faeces	Calprotectin	Tecan ELISA CHE/SOP/142	C
Faeces	Elastase	Dynex DS2 ELISA SPEC/SOP/PTMT/31	C
Serum	Amino-terminal pro-peptide of type 3 procollagen (P3NP) Hyaluronic Acid TIMP metallopeptidase inhibitor 1 (TIMP1)	Siemens ADVIA Centaur XPT immunoassay System (Chemiluminescence) CHE/SOP/145	C
Serum, urine	Enhanced Liver Fibrosis Score	Calculated tests: Logic rules in Winpath SOP/Bio/IT/00007	C
Whole blood	Glycated Haemoglobin (HbA1c)	Documented procedures and manufacturer's instructions for Tosoh G11, HPLC, CHE/SOP/112	A
END			