


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>8192</p> <p>Accredited to ISO 15189:2022</p>	<h3>Cwm Taf Morgannwg University Health Board</h3> <p>Issue No: 023 Issue date: 20 March 2026</p>	
	<p>Cwm Taf Morgannwg University Health Board Ynysmeurig House Navigation Park Abercynon Rhondda-Cynon-Taf CF45 4SN</p>	<p>Contact: Rebecca Hopson Tel: +44 (0)1443 443443 ext 6847 Fax: +44 (0)1443 443335 E-Mail: Rebecca.Hopson@wales.nhs.uk Website: https://ctmuhb.nhs.wales/services/pathology/</p>
<p>Testing performed by the Organisation at the locations specified below</p>		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
<p>Address Cwm Taf University Health Board Pathology Department Royal Glamorgan Hospital Ynysmaerdy CF72 8XR</p> <p>Local contact: Rebecca Hopson Tel: +44 (0) 1443443443 ext 6847 Fax: +44 (0) 144344335 E-Mail: Rebecca.Hopson@wales.nhs.uk Website: https://ctmuhb.nhs.wales/services/pathology/</p>	<p>Haematology & Blood Transfusion Clinical Biochemistry Histopathology Non-Gynae Diagnostic Cytology Microbiology Blood issue fridges</p>	RGH
<p>Address Pathology Department Prince Charles Hospital Gurnos Estate Merthyr Tydfil CF47 9DT</p> <p>Local contact: Rebecca Hopson Tel: +44 (0) 1443443443 ext 6847 Fax: +44 (0) 144344335 E-Mail: Rebecca.Hopson@wales.nhs.uk Website: https://ctmuhb.nhs.wales/services/pathology/</p>	<p>Haematology & Blood Transfusion Clinical Biochemistry Blood issue fridges</p>	PCH



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

Testing performed by the Organisation at the locations specified

Site activities performed away from the locations listed above:

Location details	Activity	Location code
Mortuary Royal Glamorgan Hospital Ynysmaerdy CF72 8XR	Mortuary Services	C
Mortuary Prince Charles Hospital Gurnos Estate Merthyr Tydfil CF47 9DT	Mortuary Services	D
Royal Glamorgan Hospital Ynysmaerdy CF72 8XR	Amanda James Phlebotomy Services	E
Prince Charles Hospital Gurnos Estate Merthyr Tydfil CF47 9DT	Amanda James Phlebotomy Services	F
The Vale Hospital Hensol Castle Park Hensol Vale of Glamorgan CF72 8JX	Blood Issue Fridge	J
Haematology clinic	Sweat test sample using Wescor Macroduct sweat collection system	K
Body Store Princess of Wales Hospital Coity Road Bridgend CF31 1RQ	Body Store	L



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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>Haematological examinations to assist in clinical diagnosis</u>	Procedures documented in relevant equipment manuals and in house documented procedures by the following methods	
Venous whole blood: EDTA	Full Blood Counts <ul style="list-style-type: none"> • Haemoglobin estimation • Red cell and platelet counts • Haematocrit • Differential white cell count and reticulocytes • MCV • MCH • RDW 	CTM Haem 192 & CTM Haem 339 Sysmex XN-10 Analysers using fluorescence flow cytometry (cell counting) with hydrodynamic focusing DC detection (RBC & platelet analysis) as well as SLS haemoglobin method	RGH PCH
Venous whole blood: EDTA	Blood Film reporting of normal and abnormal morphologies including WBC Diff and detection of Intra-erythrocytic Parasites	CTM Haem 21 & CTM Haem 418 May-Grunwald staining on methanol fixed blood smears by Sysmex SP50 Examination by light microscopy	RGH PCH
Blood, Bone Marrow	Demonstration of Haemosiderin granules	Perl's Prussian Blue Stain (manual) SOP CTM Haem 390	PCH



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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>Haematological examinations to assist in clinical diagnosis</u> (cont'd)	Procedures documented in relevant equipment manuals and in house documented procedures by the following methods	
Venous whole blood: EDTA	Sickle cell detection	Sickle check HbS test – Turbidimetric CTM Haem 433	RGH PCH
Venous whole blood: EDTA	Malarial screening and identification of species: Plasmodium Falciparum	CareStart Rapydtest Malaria kit CTM Haem 338	RGH PCH
Venous whole blood: EDTA	ESR	Vitech Starrsed Autocompact – Westergren method CTM Haem 342	RGH
Venous Blood: Citrated Plasma	Coagulation Studies for the following tests:	Using Stago STA-R MAX2 clot detection by Viscosity change / oscillating ball and optical transmittance	RGH
	Prothrombin Time (PT) & INR aPTT and Ratio Fibrinogen (Clauss) D-Dimer Mixing Studies (50:50) Thrombin clotting time (TCT)	CTM Haem 168 CTM Haem 168 CTM Haem 155 CTM Haem 157 CTM Haem 163 CTM Haem 162 CTM Haem 172	RGH PCH
Plasma, collected 4 hours post dose	Anti- Xa Assay: Low Molecular Weight Heparins	Using STAGO STA-R MAX2 one-step chromogenic assay CTM Haem 152: Anti-Xa Assay (LMWH) on the Sta-R Max2	RGH
Plasma, collected either 4 hours post dose or random for continuous infusion regime	Anti- Xa Assay: Unfractionated Heparin	CTM Haem 153: Anti-Xa Assay (UFH) on the Sta-R Max2	RGH



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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>Haematological examinations to assist in clinical diagnosis</u> (cont'd)	Procedures documented in relevant equipment manuals and in house documented procedures by the following methods	
Plasma	Plasma Viscosity	Benson Viscometer CTM Haem 11	PCH
Venous blood: EDTA Plasma	Detection of infectious mononucleosis heterophile to aid in diagnosis of infectious mononucleosis	Lateral Flow Immunoassay using Clearview IM II kit CTM Haem 25	RGH PCH
EDTA Whole Blood	<u>Haemoglobinopathy Screening for:</u> <u>HbA</u> <u>HbA2</u> <u>HbF</u> <u>HbS</u> <u>HbC</u> <u>HbdPunjab</u> <u>HbE</u> <u>HbOArab</u> <u>HbLepore</u>	HPLC using TOSOH G8 SOP CTM Haem 12	PCH



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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
<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Venous Blood; red cells</p>	<p><u>Blood Transfusion examinations to assist in clinical investigations</u></p> <p>Blood Grouping by antigen detection</p> <ul style="list-style-type: none"> • A B and O groups. • Rhesus group antigens C, c, D, E, e <p>Kell antigen status. Detection and identification of the following antibodies:</p> <ul style="list-style-type: none"> • Rhesus blood group antibodies D, C, E, c, e, f, Cw and V <p>Compatibility testing:</p> <p>Compatibility testing of patients Plasma with donor cells</p>	<p>Procedures documented in relevant equipment manuals and in house documented procedures by the following methods</p> <p>Using Ortho Vision Analysers</p> <p>CTM Blood Bank CBS58 CTM Blood Bank CBS57CTM Blood Bank CBS64 & CBS66</p>	<p>RGH PCH</p>



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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>Blood Transfusion examinations to assist in clinical investigations</u> (cont'd)	Procedures documented in relevant equipment manuals and in house documented procedures by the following methods	
Whole Blood	Direct Antiglobulin Test (Direct Coombs Test)	Automated testing using Ortho Vision, Micro-Columns CTM Blood Bank CBS66 & CBS64	RGH
Whole Blood	Monospecific Coombs panel	Automated testing using Ortho Vision CTM Blood Bank CBS66 & CBS64	RGH
Whole Blood	Direct Antiglobulin Test (Direct Coombs Test)	Automated testing using the Ortho Vision analyser CTM Blood Bank CBS66 & CBS64	PCH
Whole Blood	Monospecific Coombs panel	Automated testing using Ortho Vision CTM Blood Bank CBS66 & CBS64	PCH
Whole Blood	Papain enzyme panel	Automated testing using Ortho Vision CTM Blood Bank CBS66 & CBS64	RGH
Whole Blood	PADS for anti-D	Using Ortho Vision – Micro Columns CTM Blood Bank CBS66 & CBS64	RGH
Whole Blood	PADS for anti-D	Automated testing using Ortho Vision CTM Blood Bank CBS66 & CBS64	PCH
Whole Blood	Red cell phenotyping	Automated testing using Ortho Vision analyser CTM Blood Bank CBS66 & CBS64	PCH



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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 examinations for the purpose of clinical diagnosis</u>	Procedures documented in relevant equipment manuals and in house documented procedures by the following methods	
Serum (unless otherwise stated)	Quantification of:	Roche Cobas RGH: c502 and e602 (c8000 core) PCH: ISE, c703 and e801 (c8000)	
	ACE	SOP_CTM Biochem-43 (by enzymatic assay)	PCH
Plasma	Acetaminophen (paracetamol)	SOP_CTM Biochem-44 (by enzymatic assay)	RGH PCH
Serum, Plasma	Acetaminophen	Roche Cobas C8000 core e502 Cambridge Life Sciences enzymatic assay SOP_CTM Biochem-44	
	AFP	SOP_CTM Biochem-46 (by sandwich electrochemiluminescence immunoassay)	PCH
Plasma	Alanine Aminotransferase	SOP_CTM Biochem-47 (by enzymatic assay)	RGH PCH
Plasma	Albumin	SOP_CTM Biochem-48 (by colourimetric assay)	RGH PCH
Urine	Albumin (microalbumin)	SOP_CTM Biochem-113 (by immunoturbidimetric assay)	RGH PCH
Plasma, Urine	Alcohol	SOP_CTM Biochem-49 (by enzymatic assay)	RGH
Plasma	Alkaline Phosphatase	SOP_CTM Biochem-50 (by colourimetric assay)	RGH PCH
	Alpha1-Antitrypsin	SOP_CTM Biochem-51 (by immunoturbidimetric assay)	PCH



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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 examinations for the purpose of clinical diagnosis</u> (cont'd)	Procedures documented in relevant equipment manuals and in house documented procedures by the following methods	
Serum (unless otherwise stated) (cont'd)	Quantification of: (cont'd)	Roche Cobas RGH: c502 and e602 (c8000 core) PCH: ISE, c703 and e801 (c8000);	
Plasma	Ammonia	SOP_CTM Biochem-52 (by enzymatic assay)	PCH
Urine	Amphetamine	SOP_CTM Biochem-53 (by KIMS immunoassay)	RGH
Plasma, Urine	Amylase	SOP_CTM Biochem-54 (by colourimetric assay)	RGH PCH
	Anti TPO	SOP_CTM Biochem-55 (by competitive electrochemiluminescence immunoassay)	PCH
Plasma (PCH only)	Aspartate Aminotransferase	SOP_CTM Biochem-56 (by enzymatic assay)	RGH PCH
	β 2-Microglobulin	SOP_CTM Biochem-57 (by immunoturbidimetric assay)	PCH
Urine	Benzodiazepine	SOP_CTM Biochem-58 (by KIMS immunoassay)	RGH
	Beta-HCG	SOP_CTM Biochem-59 (by sandwich electrochemiluminescence immunoassay)	RGH PCH
Plasma	Bicarbonate CO2	SOP_CTM Biochem-60 (by colourimetric assay)	RGH PCH
Plasma	Bile Acids	SOP_CTM Biochem-61 (by colourimetric assay)	PCH



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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 examinations for the purpose of clinical diagnosis</u> (cont'd)	Procedures documented in relevant equipment manuals and in house documented procedures by the following methods	
Serum (unless otherwise stated) (cont'd)	Quantification of: (cont'd)	Roche Cobas RGH: c502 and e602 (c8000core) PCH: ISE, c703 and e801 (c8000);	
Urine	Buprenorphine	SOP_CTM Biochem-62 (by homogenous enzyme immunoassay)	RGH
	CA125	SOP_CTM Biochem-63 (by sandwich electrochemiluminescence immunoassay)	PCH
	CA153	SOP_CTM Biochem-64 (by sandwich electrochemiluminescence immunoassay)	PCH
	CA199	SOP_CTM Biochem-65 (by sandwich electrochemiluminescence immunoassay)	PCH
Serum/Plasma	Caeruloplasmin	SOP_CTM Biochem-66 (by immunoturbidimetric assay)	PCH
Plasma, Urine	Calcium	SOP_CTM Biochem-68 (by colourimetric assay)	RGH PCH
Urine	Cannabis	SOP_CTM Biochem-70 (by KIMS immunoassay)	RGH
	CEA	SOP_CTM Biochem-72 (by sandwich electrochemiluminescence immunoassay)	PCH
Urine	Chloride	SOP_CTM Biochem-73 (by ISE)	RGH PCH
Plasma	Cholesterol	SOP_CTM Biochem-74 (by colourimetric assay)	RGH PCH



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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 examinations for the purpose of clinical diagnosis</u> (cont'd)	Procedures documented in relevant equipment manuals and in house documented procedures by the following methods	
Serum (unless otherwise stated) (cont'd)	Quantification of: (cont'd)	Roche Cobas RGH: c502 and e602 (c8000 core) PCH: ISE, c703 and e801 (c8000)	
Urine	Cocaine	SOP_CTM Biochem-1022 (by KIMS immunoassay)	RGH
	Complement C3	SOP_CTM Biochem-76 (by immunoturbidimetric assay)	PCH
	Complement C4	SOP_CTM Biochem-1022 (by immunoturbidimetric assay)	PCH
Plasma (PCH only)	Conjugated Bilirubin	SOP_CTM Biochem-82 (by colourimetric assay)	RGH PCH
Plasma (PCH only)	Cortisol	SOP_CTM Biochem-77 (by competitive electrochemiluminescence immunoassay)	RGH PCH
Plasma	C-Reactive Protein	SOP_CTM Biochem-78 (by immunoturbidimetric assay)	RGH PCH
Plasma (PCH only)	Creatine Kinase	SOP_CTM Biochem-79 (by enzymatic assay)	RGH PCH
Plasma, Urine	Creatinine	SOP_CTM Biochem-80 (by kinetic colourimetric assay)	RGH PCH
	Digoxin	SOP_CTM Biochem-81 (by KIMS immunoassay)	RGH PCH
	Estimated Monomeric Prolactin	SOP_CTM Biochem-83 (by PEG precipitation and by sandwich electrochemiluminescence immunoassay)	PCH



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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 examinations for the purpose of clinical diagnosis</u> (cont'd)	Procedures documented in relevant equipment manuals and in house documented procedures by the following methods	
Serum (unless otherwise stated) (cont'd)	Quantification of: (cont'd)	Roche Cobas RGH: c502 and e602 (c8000 core) PCH: ISE, c703 and e801 (c8000)	
Plasma	Ferritin	SOP_CTM Biochem-86 (by sandwich electrochemiluminescence immunoassay)	PCH
Plasma	Folate	SOP_CTM Biochem-88 (by competitive electrochemiluminescence immunoassay)	PCH
Plasma	Fructosamine	SOP_CTM Biochem-90 (by colourimetric assay)	PCH
	FSH	SOP_CTM Biochem-91 (by sandwich electrochemiluminescence immunoassay)	PCH
Plasma (PCH only)	FT3	SOP_CTM Biochem-92 (by competitive electrochemiluminescence immunoassay)	RGH PCH
Plasma (PCH only)	FT4	SOP_CTM Biochem-93 (by competitive electrochemiluminescence immunoassay)	RGH PCH
Plasma (PCH only)	Gamma GT	SOP_CTM Biochem-94 (by colourimetric assay)	RGH PCH
	Gentamycin	SOP_CTM Biochem-95 (by CEDIA immunoassay)	RGH PCH
Plasma, Urine, CSF	Glucose	SOP_CTM Biochem-96 (by enzymatic assay)	RGH PCH
Plasma (PCH only)	HDL-Cholesterol	SOP_CTM Biochem-99 (by colourimetric assay)	RGH PCH



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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 examinations for the purpose of clinical diagnosis</u> (cont'd)	Procedures documented in relevant equipment manuals and in house documented procedures by the following methods	
Serum (unless otherwise stated) (cont'd)	Quantification of: (cont'd)	Roche Cobas RGH: c502 and e602 (c8000 core) PCH: ISE, c703 and e801 (c8000)	
Serum, Plasma	STAT hs Troponin T	Roche Cobas 8000 e801 Roche Cobas 8000 e602 (by sandwich electrochemiluminescence immunoassay) SOP_CTM Biochem-100	PCH RGH
Plasma	Hydroxybutyrate	SOP_CTM Biochem-886 (by enzymatic assay)	RGH PCH
	Immunoglobulin A	SOP_CTM Biochem-102 (by immunoturbidimetric assay)	PCH
	Immunoglobulin G	SOP_CTM Biochem-103 (by immunoturbidimetric assay)	PCH
	Immunoglobulin M	SOP_CTM Biochem-104 (by immunoturbidimetric assay)	PCH
	Iron	SOP_CTM Biochem-105 (by colourimetric assay)	PCH
Plasma, CSF	Lactate	SOP_CTM Biochem-107 (by colourimetric assay)	RGH PCH
Plasma (PCH only)	Lactate Dehydrogenase	SOP_CTM Biochem-106 (by enzymatic assay)	RGH PCH
	LH	SOP_CTM Biochem-108 (by sandwich electrochemiluminescence immunoassay)	PCH
	Lithium	SOP_CTM Biochem-109 (by colourimetric assay)	RGH PCH
Plasma, Urine	Magnesium	SOP_CTM Biochem-110 (by colourimetric assay)	RGH PCH



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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 examinations for the purpose of clinical diagnosis</u> (cont'd)	Procedures documented in relevant equipment manuals and in house documented procedures by the following methods	
Serum (unless otherwise stated) (cont'd)	Quantification of: (cont'd)	Roche Cobas RGH: c502 and e602 (c8000 core) PCH: ISE, c703 and e801 (c8000)	
Urine	Methadone Metabolites (EDDP)	SOP_CTM Biochem-833 (by homogeneous enzyme immunoassay)	RGH
	NT-proBNP	SOP_CTM Biochem-121 (by sandwich electrochemiluminescence immunoassay)	PCH
	Oestradiol	SOP_CTM Biochem-114 (by competitive electrochemiluminescence immunoassay)	PCH
Urine	Opiates	SOP_CTM Biochem-115 (by KIMS immunoassay)	RGH
	Phenytoin	SOP_CTM Biochem-117 (by KIMS immunoassay)	RGH
Plasma, Urine	Phosphate (Inorganic)	SOP_CTM Biochem-118 (by colourimetric assay)	RGH PCH
	Potassium	SOP_CTM Biochem-119	RGH PCH
Serum, Plasma	Procalcitonin	SOP_CTM Biochem-122	RGH PCH
	Progesterone	SOP_CTM Biochem-123 (by competitive electrochemiluminescence immunoassay)	PCH
	Prolactin	SOP_CTM Biochem-124 (by sandwich electrochemiluminescence immunoassay)	PCH



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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 examinations for the purpose of clinical diagnosis</u> (cont'd)	Procedures documented in relevant equipment manuals and in house documented procedures by the following methods	
Serum (unless otherwise stated) (cont'd)	Quantification of: (cont'd)	Roche Cobas RGH: c502 and e602 (c8000 core) PCH: ISE, c703 and e801 (c8000)	
Plasma	PSA	SOP_CTM Biochem-125 (by sandwich electrochemiluminescence immunoassay)	PCH
Plasma	PTH	SOP_CTM Biochem-126 (by sandwich electrochemiluminescence immunoassay)	PCH
Plasma	Rheumatoid Factor	SOP_CTM Biochem-127 (by immunoturbidimetric assay)	RGH PCH
Plasma	Salicylate	SOP_CTM Biochem-128 (by colourimetric assays)	RGH PCH
Plasma, Urine	SHBG	SOP_CTM Biochem-130 (by sandwich electrochemiluminescence immunoassay)	RGH PCH
Plasma, Urine	Sodium	SOP_CTM Biochem-131 (by ISE)	RGH PCH
Plasma, Urine	Teicoplanin	SOP_CTM Biochem-132 (by immunoturbidimetric assay)	RGH
Plasma, Urine	Testosterone	SOP_CTM Biochem-133 (by competitive electrochemiluminescence immunoassay)	PCH
Plasma, Urine	Theophylline	SOP_CTM Biochem-134 (by KIMS immunoassay)	RGH PCH
Plasma	Total Bilirubin	SOP_CTM Biochem-135 (by colourimetric assay)	RGH PCH



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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 examinations for the purpose of clinical diagnosis</u> (cont'd)	Procedures documented in relevant equipment manuals and in house documented procedures by the following methods	
Serum (unless otherwise stated) (cont'd)	Quantification of: (cont'd)	Roche Cobas RGH: c502 and e602 (c8000 core) PCH: ISE, c703 and e801 (c8000)	
	Total IgE	SOP_CTM Biochem-136 (by sandwich electrochemiluminescence immunoassay)	PCH
Plasma	Total Protein	SOP_CTM Biochem-137 (by colourimetric assay)	RGH PCH
Urine, CSF	Total Protein	SOP_CTM Biochem-143 (by turbidimetric assay)	RGH PCH
	Transferrin	SOP_CTM Biochem-138 (by immunoturbidimetric assay)	PCH
Plasma (PCH only)	Triglycerides	SOP_CTM Biochem-139 (by colourimetric assay)	RGH PCH
Plasma (PCH only)	TSH	SOP_CTM Biochem-140 (by sandwich electrochemiluminescence immunoassay)	RGH PCH
Plasma, Urine	Urea	SOP_CTM Biochem-141 (by enzymatic assay)	RGH PCH
Urine, Plasma (PCH only)	Uric Acid	SOP_CTM Biochem-142 (by colourimetric assay)	RGH PCH
	Vancomycin	SOP_CTM Biochem-144 (by homogenous enzyme immunoassay)	RGH
Plasma	Vitamin B12	SOP_CTM Biochem-145 (by competitive electrochemiluminescence immunoassay)	PCH



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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 examinations for the purpose of clinical diagnosis</u> (cont'd)	Procedures documented in relevant equipment manuals and in house documented procedures by the following methods	
Serum, Plasma	Total 25-OH Vitamin D	Roche Cobas 8000 e801 (by competitive electrochemiluminescence assay) SOP_CTM Biochem-146 By calculation in the LIMS	PCH RGH PCH
Urine	5HIAA Creatinine Ratio		
Serum	Adjusted Calcium		
Serum	Adrenaline Creatinine Ratio		
Serum	Albumin Creatinine Ratio		
Serum	AST:ALT ratio		
Urine	Creatinine Clearance		
Serum	eGFR		
Serum	Free Androgen Index		
Serum	Globulins		
Serum	HMMA Creatinine Ratio		
Serum	HVA Creatinine Ratio		
Serum	Kappa Lambda Ratio		
Serum	LDL		
Serum	Metadrenaline Creatinine Ratio		
Serum	Non-HDL		
Serum	Noradrenaline Creatinine Ratio		
Serum	Normetadrenaline Creatinine Ratio		
Serum	Protein Creatinine Ratio		
Plasma EDTA	Renin Aldosterone Ratio		PCH
Serum	Total Cholesterol:HDL ratio		
Serum	Transferrin Saturation		
Urine	Calcium Creatinine Ratio		
Urine	C-Peptide Ratio		
Urine	Creatinine Calcium Clearance		
24 Hr Urine	3 Methoxytyramine Output		
24 Hr Urine	5HIAA Output		
24 Hr Urine	Adrenaline Output		
24 Hr Urine	Amylase Output		
24 Hr Urine	BJP		



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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 examinations for the purpose of clinical diagnosis</u> (cont'd)	Procedures documented in relevant equipment manuals and in house documented procedures by the following methods	
24 Hr Urine	Calcium Output	By calculation in the LIMS (cont'd)	RGH PCH
24 Hr Urine	Dopamine Output		
24 Hr Urine	Magnesium Output		
24 Hr Urine	Magnesium Output		
24 Hr Urine	Metadrenaline Output		
24 Hr Urine	Noradrenaline Output		
24 Hr Urine	Normetadrenaline Output		
24 Hr Urine	Protein Output		
24 Hr Urine	Urate Output		
24 Hr Urine	Creatinine Excretion		
Urine	Bence Jones Protein	Electrophoresis using Sebia Hydrasys 2 Scan	PCH
		SOP_CTM Biochem-25	
Serum	Free Light Chains (κ/λ)	Binding site Optilite – immunoturbidimetric assay SOP_CTM Biochem-89	PCH
Serum, Urine	Protein Immunofixation	Using Sebia Hydrasys 2 Scan	PCH
		SOP_CTM Biochem-25	
Whole Blood	HbA1c	HPLC using Tosoh G11	PCH
		SOP_CTM Biochem-98	
Serum	Serum Monoclonal Protein Quantitation	Capillary Zonal Electrophoresis using Sebia Capillarys 3 Tera SOP_CTM Biochem-20	PCH
Serum	Monoclonal Protein Typing	Capillary Zonal Electrophoresis and Immunofixation using Sebia Capillarys 3 Tera SOP_CTM Biochem-21	PCH



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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 examinations for the purpose of clinical diagnosis</u> (cont'd)	Procedures documented in relevant equipment manuals and in house documented procedures by the following methods	
Urine	Protein	Gel Electrophoresis using Sebia Hydrasys 2 SOP_CTM Biochem-25	PCH
Urine and Serum	Monoclonal Protein Typing	Gel Electrophoresis and Immunofixation using Sebia Hydrasys 2 SOP_CTM Biochem-25	PCH
Serum and Plasma	Cryoprotein	Differential Temperature Observation, Electrophoresis and Immunotyping using Sebia Capillarys 3 Tera and Sebia Hydrasys 2 CTM Biochem_Test SOP's-1	PCH
Whole blood	Total Glycated Haemoglobin	Alere Affinion by Boronate affinity assay SOP_CTM Biochem-45	PCH
Serum, Urine	Osmolality	Advanced instruments osmometer OSMO-1 by freezing point depression SOP_CTM Biochem-116	RGH PCH
Sweat	Sweat Tests (Chloride & Sodium)	Sherwood Sweat Chloride Analyser 926 by colorimetric titration SOP_CTM Biochem-1231	PCH
CSF	Xanthochromia	Spectrophotometry using Agilent CARY 60 Spectrophotometer SOP_CTM Biochem-148	RGH PCH



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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 examinations for the purpose of clinical diagnosis</u> (cont'd)	Procedures documented in relevant equipment manuals and in house documented procedures by the following methods	
Faeces	Elastase	BEST 2000 ELISA on Dynex DS2 SOP_CTM Biochem-23	PCH
		ScheBo Pancreatic Elastase 1 ELISA kit on Dynex DS2 SOP_CTM Biochem-23	PCH
		Immulite 2000 by sandwich chemiluminescence immunoassay	
Serum/Plasma	Growth Hormone	SOP_CTM Biochem-97	PCH
Serum/Plasma	Calcitonin	SOP_CTM Biochem-67	
	Detection of:	Varian Chromsystems using HPLC SOP_CTM Biochem-151	
Urine	Normetanephrine 3-Methoxytyramine Metanephrine		PCH PCH PCH
Serum	IGF-1	IDS iSYS Automated sandwich chemiluminescence immunoassay SOP_CTM Biochem-101	PCH
Faeces	Calprotectin	using Buhlmann fCAL turbo kit on Roche Cobas c703 SOP_CTM Biochem-69	PCH



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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 examinations for the purpose of clinical diagnosis (cont'd)</u>	Procedures documented in relevant equipment manuals and in house documented procedures by the following methods	
Whole Blood	pH [H+] pCO2 pO2 Actual Bicarbonate Base Excess Sodium Potassium Chloride Ionised Calcium Glucose Lactate Total Haemoglobin Oxyhaemoglobin Carboxyhaemoglobin Methaemoglobin	ABL 90 Flex Plus Blood Gas Analyser CTM POCT 9	RGH PCH
Serum	Thyroid Stimulating Immunoglobulin	Immulite 2000 Immunoassay SOP_CTM Biochem-1241	PCH



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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
<p>HUMAN BODY TISSUE</p> <p>Tissue: biopsy, excision, resection and post-mortem specimens</p> <p>Tissue: biopsy, excision, resection and post-mortem specimens</p> <p>Tissue: biopsy, excision, resection and post-mortem specimens</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis</u></p> <p>Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</p>	<p>Procedures documented in relevant equipment manuals and in house documented procedures by the following methods:</p> <p>Tissue Fixation using AMenarini Seal Safe SOP CPFFSC</p> <p>Tissue Storage and Transport using Amemarini Tissue Safe</p> <p>Supported by:</p> <p>Specimen dissection AFOS downdraft benches Thermo Shandon Print mate cassette printer (x2) SOPs: HPTD, CPPC, HTECH, HSTREQ, CPSTS</p> <p>-Dissection - Appendix Bench Aid -Dissection - Basic Skin -Dissection Non-Orientated Skins Bench Aid -Dissection - Bladder Tumour TURBT Bench Aid -Dissection - Breast and Axillary node cores Bench Aid -Dissection - Cervical Loop Bench Aid -Dissection - Colon Cancer Bench Aid -Dissection - Cores (except breast and prostate) Bench Aid -Dissection - Endoscopic Biopsies Bench Aid -Dissection - Extended Skin -Dissection Orientated Skins Bench Aid -Dissection - GI Polyps Bench Aid -Dissection - Lipoma Bench Aid -Dissection - Placenta Bench Aid -Dissection - Prostate Cores Bench Aid</p>	<p>RGH</p> <p>RGH</p> <p>RGH</p>



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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
<p>HUMAN BODY TISSUE (cont'd)</p> <p>Tissue: biopsy, excision, resection and post-mortem specimens (cont'd)</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)</p> <p>Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)</p>	<p>Procedures documented in relevant equipment manuals and in house documented procedures by the following methods:</p> <p>Supported by: Specimen dissection AFOS downdraft benches Thermo Shandon Print mate cassette printer (x2) SOPs: HPTD, CPPC, HTECH, HSTREQ, CPSTS</p> <ul style="list-style-type: none"> -Dissection - Rectal Cancer Bench Aid -Dissection - Rectal Polyps TEO TEM TAE Bench Aid -Dissection - Salivary Gland Bench Aid -Dissection - Skin Transfers (Punch Shave Curretting) Bench Aid -Dissection - Tongue Bench Aid -Dissection - Tonsils (non-orientated) -Dissection - Tonsils orientated with sutures Bench Aid -Dissection Benign Uterus (Polyp, Prolapse, Fibroid) Bench Aid -Dissection Diverticular disease Bench Aid -Dissection Fallopian Tube Ectopic Pregnancy Bench Aid -Dissection Fallopian Tube Prophylactic Bench Aid -Dissection Fallopian tubes sterilisation Bench Aid -Dissection Foreskin Cancer Bench Aid -Dissection Glansectomy Bench Aid -Dissection Non-Functioning Kidney Bench Aid -Dissection Renal Parenchyma Tumour Bench Aid -Dissection Testicular tumour Bench Aid -Dissection Tumour Urinary collecting system (renal pelvis, ureter) 	<p align="center">RGH</p>



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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 TISSUE (cont'd)	<u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)	Procedures documented in relevant equipment manuals and in house documented procedures by the following methods:	RGH
		Tissue Processing ThermoScientificExcelsior AS (x3) tissue processors SOPs: HTPUM, CUDCAL, HBM, HHMBS,	
		Tissue Processing using Thermo Scientific SOP HTPUM	
		Decalcification SOPs HTRCOE, HPTD and HBM	
		Thermo Scientific Embedding Station SOP: HEMB	
Embedding & Microtomy Epredia embedding centre Thermo Shandon Slide Mate slide writers, Leica Microtomes (3x 2245RM, 1 x 2235RM) Leica Histocore Multicut SOP: HEMB, HPPBC, HMIC, CPSWOM, HTRCOE, HMLSS, CPERW	RGH		
Interpretive Microscopy SOP: HQCHE, HEQA, IHCIQA, IHCEQA, HSSM	RGH		



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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 TISSUE (cont'd) Formalin fixed paraffin embedded tissue (FFPE) sections on glass slides.	<u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)	Procedures documented in relevant equipment manuals and in house documented procedures by the following methods:	 RGH RGH
	Demonstration of:	Macroscopic and Microscopic examination	
	Basophilic and eosinophilic structures	Routine Morphological Staining SOP: HSSC, HCBP, HSSCSP, HSSTSP Sakura Tissue-Tek Automated Stain and Coverslipper using Haematoxylin and Eosin (H & E) stains	
	Acid Mucopolysaccharides	Special Tinctorial Histochemical Staining HSSM Histology special stains manual SOP_CTM Cell Path-25: Histology Special Stains Manual HSSM	
	Acid and Neutral Mucopolysaccharides	Alcian Blue	
	Acid and Neutral Mucopolysaccharides	Alcian Blue PAS	
	Acid and Neutral Mucopolysaccharides	Alcian Blue Diastase PAS	
	Glycogen, mucins, basement membranes and fungi	Diastase Periodic Acid Schiff (PAS)	
	Tubercle bacilli	Ziehl Neelsen	
	Reticulin fibres	Gordon and Sweets reticulin stain	
	Gram +ve & -ve microorganisms	Gram	
	Fungi	Grocotts modification of Gomoris methenamine silver	
Basophilic and eosinophilic structures	Haematoxylin and eosin (rapid)		
Fibrin	Martius scarlet blue (MSB)		



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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
<p>HUMAN BODY TISSUE (cont'd)</p> <p>Formalin fixed paraffin embedded tissue (FFPE) sections on glass slides. (cont'd)</p> <p>Formalin fixed paraffin embedded tissue (FFPE) sections on glass slides, Bone Marrow Smears, Urine</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)</p> <p>Melanin</p> <p>Smooth muscle and collagen</p> <p>Elastin</p> <p>Copper associated protein</p> <p>Glycogen, mucins, basement membranes and fungi</p> <p>Ferric iron, haemosiderin</p> <p>Collagen</p> <p>Copper- associated protein</p> <p>Tubercle bacilli</p>	<p>Procedures documented in relevant equipment manuals and in house documented procedures by the following methods:</p> <p>Special Tinctorial Histochemical Staining HSSM Histology special stains manual SOP_CTM Cell Path-25: Histology Special Stains Manual HSSM</p> <p>Masson Fontana</p> <p>Masson Trichrome</p> <p>Miller's elastic Van Gieson (EVG)</p> <p>Orcein (Shikata's)</p> <p>Periodic acid Schiff (PAS)</p> <p>Perl's Prussian blue</p> <p>Van Gieson</p> <p>Victoria Blue</p> <p>Ziehl-Neelsen</p>	<p>RGH</p>



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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
<p>HUMAN BODY TISSUE (cont'd)</p> <p>Formalin fixed paraffin embedded tissue (FFPE) sections on glass slides</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)</p> <p>Amyloid</p> <p><i>H.pylori</i>, bone marrow differentiation</p> <p>Fungi</p> <p>Iron</p> <p>Reticulin fibres</p> <p>Differentiation between smooth muscle and collagen</p>	<p>Procedures documented in relevant equipment manuals and in house documented procedures by the following methods:</p> <p>Ventana Benchmark Special Stainer SOPCPOVBSS, IHCSSRR, IHCOPVU, HSSM incorporating the following special stains:</p> <p>Congo Red</p> <p>Giemsa</p> <p>Grocott</p> <p>Perl's Prussian Blue</p> <p>Gordon & Sweet's Reticulin</p> <p>Trichrome III Blue Masson Trichrome</p>	<p>RGH</p>



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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
<p>HUMAN BODY TISSUE (cont'd)</p> <p>Formalin fixed paraffin embedded tissue (FFPE) sections on glass slides.</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)</p> <p>Immunohistochemistry to detect the following:</p> <p>Alpha fetoprotein – hepatocellular carcinoma, hepatoid tumour, germ cell tumours, embryonal carcinoma</p> <p>Bcl-2 oncoprotein: follicular lymphoma, lymphoproliferative diseases</p> <p>Epithelial antigen: normal and malignant epithelial cells</p> <p>Beta Catenin- range of cancers including colon, liver, ovary, brain and prostate</p> <p>Ca 19.9- labels pancreatic, stomach, colon and gall bladder adenocarcinomas and expressed in primary metastatic ovarian cancers</p> <p>Mucin-like glycoprotein expressing CA-125 epitope</p>	<p>Procedures documented in relevant equipment manuals and in house documented procedures by the following methods:</p> <p>Immunohistochemistry - Automated Method using Ventana Benchmark Ultra and Ventana Benchmark Ultra Plus IHC instrument SOP IHCOVU, IHCMVU, IHCCSP, IHCTSP, IHCPPK, SOP IHCPRP, IHCIQA, IHCEQA, IHCBRDK Incorporating the following antibodies ():</p> <p>Alpha – 1 fetoprotein</p> <p>bcl-2 oncoprotein</p> <p>Ber EP4</p> <p>Beta Catenin</p> <p>Ca 19.9</p> <p>Ca 125</p>	<p>RGH</p>



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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
<p>HUMAN BODY TISSUE (cont'd)</p> <p>Formalin fixed paraffin embedded tissue (FFPE) sections on glass slides.</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)</p> <p>Immunohistochemistry to detect the following:</p> <p>Calcitonin- seen in C cells of normal and hyperplastic thyroid</p> <p>Caldesmon- labels sub-population of myoepithelial cells in breast cancer. Normal vascular and smooth muscle cells.</p> <p>Calponin- smooth muscle</p> <p>Calretinin: normal and malignant mesothelial cells</p> <p>CD3 antigen – normal and malignant T lymphocytes</p> <p>CD5- T cell leukaemias, lymphomas, activated T cells and subset of B cells in mantle zone</p> <p>CD4 antigen - normal and malignant T lymphocytes – helper / inducer subset</p> <p>CD 8 antigen - normal and malignant T lymphocytes – cytotoxic / suppressor subset</p>	<p>Procedures documented in relevant equipment manuals and in house documented procedures by the following methods:</p> <p>Immunohistochemistry - Automated Method using Ventana Benchmark Ultra and Ventana Benchmark Ultra Plus IHC instrument SOP IHCOVU, IHCMVU, IHCCSP, IHCTSP, IHCPPK, SOP IHCPRP, IHCIQA, IHCEQA Incorporating the following antibodies ():</p> <p>Calcitonin</p> <p>Caldesmon</p> <p>Calponin</p> <p>Calretinin</p> <p>CD3</p> <p>CD5</p> <p>CD4</p> <p>CD8</p>	<p>RGH</p>



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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
<p>HUMAN BODY TISSUE (cont'd)</p> <p>Formalin fixed paraffin embedded tissue (FFPE) sections on glass slides. (cont'd)</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u></p> <p>Immunohistochemistry to detect the following: (cont'd)</p> <p>CD10 antigen (neprilysin) – renal cell carcinoma, Burkitt lymphoma, follicular lymphoma, precursor B cell lymphoblastic lymphoma</p> <p>CD20 antigen – normal and malignant B Lymphocytes</p> <p>CD23- neoplastic cells in B cell CLL, EBV transformed B lymphoblastoid cell lines</p> <p>CD30 antigen - Reed-Sternberg cells, Hodgkin lymphoma, anaplastic large cell lymphoma</p> <p>CD31 antigen (PECAM-1) – endothelial cells, benign / malignant vascular disorders</p> <p>CD34 antigen - benign / malignant vascular disorders, CD34+ progenitor cells</p> <p>Leukocyte common antigen – normal and malignant lymphoid cells</p> <p>CD56 antigen (NCAM) – NK cells, normal and malignant neural / neuroendocrine tissues / tumours</p>	<p>Procedures documented in relevant equipment manuals and in house documented procedures by the following methods:</p> <p>Immunohistochemistry - Automated Method using Ventana Benchmark Ultra and Ventana Benchmark Ultra Plus Incorporating the following antibodies</p> <p>CD10</p> <p>CD20</p> <p>CD23</p> <p>CD30</p> <p>CD31</p> <p>CD34</p> <p>CD45 (LCA)</p> <p>CD56</p>	<p>RGH</p>



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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
<p>HUMAN BODY TISSUE (cont'd)</p> <p>Formalin fixed paraffin embedded tissue (FFPE) sections on glass slides. (cont'd)</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)</p> <p>Immunohistochemistry to detect the following: (cont'd)</p> <p>CD68 antigen – macrophages, neoplasms of monocyte origin</p> <p>CD79a -: normal and malignant B lymphocytes</p> <p>CD99 expressed on T lymphocytes, cortical thymocytes, granulosa cells of the ovary, pancreatic islet cells, CNS ependymal cells and Sertoli's cells</p> <p>CD138- normal pre- B cells and plasma cells of CLL, plasmatoid lymphomas and myelomas</p> <p>CDX2 - Intestine –specific transcription factor: adenocarcinoma and carcinoids of GI tract</p> <p>Carcinoembryonic antigen – normal and malignant epithelial cells</p> <p>Chromogranin A protein – normal and malignant neuroendocrine cells / tumours</p> <p>C-Kit oncoprotein (CD117 antigen): Gastro intestinal stromal tumours, small lung cell carcinomas, melanomas</p>	<p>Procedures documented in relevant equipment manuals and in house documented procedures by the following methods:</p> <p>Immunohistochemistry - Automated Method using Ventana Benchmark Ultra and Ventana Benchmark Ultra Plus Incorporating the following antibodies</p> <p>CD68</p> <p>CD79a</p> <p>CD99</p> <p>CD138</p> <p>CDX2</p> <p>CEA</p> <p>Chromogranin A</p> <p>C-Kit (CD117)</p>	<p>RGH</p>



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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
<p>HUMAN BODY TISSUE (cont'd)</p> <p>Formalin fixed paraffin embedded tissue (FFPE) sections on glass slides. (cont'd)</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)</p> <p>Immunohistochemistry to detect the following: (cont'd)</p> <p>High molecular weight cytokeratin (1, 5, 10 and 15): normal and malignant epithelial cells. Prostatic adenocarcinoma vs PIN / atypical hyperplasia, ductal adenosis vs carcinoma</p> <p>High molecular weight cytokeratin (1, 5, 10 and 15) normal and malignant epithelial cells, PIN / atypical hyperplasia, and alpha – methyl acyl-CoA racemase protein: prostatic adenocarcinoma</p> <p>Cytokeratin 20 – normal and malignant epithelial cells: gastrointestinal tumours, ovarian tumours, Merkel cell carcinoma</p> <p>Cytokeratin 5, 6 – normal and malignant epithelial cells, epithelioid mesothelioma</p> <p>Cytokeratin 7 - normal and malignant epithelial cells: tumours of unknown origin</p> <p>Cytokeratin 14 - normal and malignant epithelial cells: neoplasms of squamous cell origin</p>	<p>Procedures documented in relevant equipment manuals and in house documented procedures by the following methods:</p> <p>Immunohistochemistry - Automated Method using Ventana Benchmark Ultra and Ventana Benchmark Ultra Plus Incorporating the following antibodies</p> <p>CK34BE12</p> <p>CK34Be12/P504S cocktail</p> <p>CK20</p> <p>CK5/6</p> <p>CK7</p> <p>CK14</p>	<p>RGH</p>



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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
<p>HUMAN BODY TISSUE (cont'd)</p> <p>Formalin fixed paraffin embedded tissue (FFPE) sections on glass slides. (cont'd)</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)</p> <p>Immunohistochemistry to detect the following: (cont'd)</p> <p>Cytokeratin acidic and basic (pan) - normal and malignant epithelial cells</p> <p>Cytokeratin 8 - normal and malignant epithelial cells</p> <p>Cytokertain 19</p> <p>D240- selective marker of lymphatic endothelium in normal tissue and vascular lesions</p> <p>Desmin – intermediate filament protein: muscle cells, tumours of muscle origin, reactive mesothelial cells</p> <p>DOG 1- GIST tumours</p> <p>Epithelial cadherin transmembrane cell adhesion molecule: ductal and lobular carcinoma</p> <p>Epithelial membrane antigen – normal and malignant epithelial cells</p>	<p>Procedures documented in relevant equipment manuals and in house documented procedures by the following methods:</p> <p>Immunohistochemistry - Automated Method using Ventana Benchmark Ultra and Ventana Benchmark Ultra Plus Incorporating the following antibodies</p> <p>CK AE1/AE3</p> <p>CK CAM5.2</p> <p>CK19</p> <p>D240</p> <p>Desmin</p> <p>DOG 1</p> <p>E Cadherin</p> <p>EMA</p>	<p>RGH</p>



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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
<p>HUMAN BODY TISSUE (cont'd)</p> <p>Formalin fixed paraffin embedded tissue (FFPE) sections on glass slides. (cont'd)</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)</p> <p>Immunohistochemistry to detect the following: (cont'd)</p> <p>GATA3-used in breast, urothelial and evaluation of metastatic carcinomas</p> <p>Glypican3-therapeutic target for liver cancer</p> <p>Oestrogen receptors</p> <p>Gross cystic disease fluid protein -1%: metastases from breast carcinoma</p> <p>HMB45 antigen on intracytoplasmic protein; normal and malignant melanocytes</p> <p>Pan keratin (AE1/3/PCK26) antigen- cells of simple and stratified epithelial origin</p> <p>Her-2</p> <p>Inhibin- prostate, brain and adrenal tissue and granulosa cells of ovary and Sertoli cells of testes</p> <p>Ki67 – proliferating cells in normal and neoplastic tissues</p> <p>Melanocyte differentiation marker – melanoma</p>	<p>Procedures documented in relevant equipment manuals and in house documented procedures by the following methods:</p> <p>Immunohistochemistry - Automated Method using Ventana Benchmark Ultra and Ventana Benchmark Ultra Plus Incorporating the following antibodies</p> <p>GATA3</p> <p>Glypican3</p> <p>Oestrogen Receptor</p> <p>GCDP15</p> <p>HMB45</p> <p>Pan-Keratin</p> <p>Her- 2 antibody-receptor tyrosine-protein kinase erbB-2</p> <p>Inhibin</p> <p>Ki 67</p> <p>MELAN-A</p>	<p>RGH</p>



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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
<p>HUMAN BODY TISSUE (cont'd)</p> <p>Formalin fixed paraffin embedded tissue (FFPE) sections on glass slides. (cont'd)</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)</p> <p>Immunohistochemistry to detect the following: (cont'd)</p> <p>MLH- mismatch nucleotides</p> <p>MSH2- linked to hereditary cancers</p> <p>MSH6- MMR mismatch repair deficiency screening in colorectal adenocarcinoma</p> <p>MUC1- prognostic and metastatic marker in breast cancer</p> <p>MUC2- associated with gastric cancer and signet ring adenocarcinoma</p> <p>Napsin-A -used in differentiating primary lung adenocarcinoma</p> <p>NKX3.1- tissue marker of prostate adenocarcinoma</p> <p>Neuron specific enolase: normal and malignant neuronal and neuroendocrine cells</p> <p>P40- expressed in lung SCC</p> <p>Wild / mutant type P53 tumour suppressor protein – neoplastic vs benign tissue</p>	<p>Procedures documented in relevant equipment manuals and in house documented procedures by the following methods:</p> <p>Immunohistochemistry - Automated Method using Ventana Benchmark Ultra and Ventana Benchmark Ultra Plus Incorporating the following antibodies</p> <p>MLH</p> <p>MSH2</p> <p>MSH6</p> <p>MUC 1</p> <p>MUC 2</p> <p>Napsin-A</p> <p>NKX3.1</p> <p>NSE</p> <p>P40</p> <p>P 53</p>	<p>RGH</p>



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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
<p>HUMAN BODY TISSUE (cont'd)</p> <p>Formalin fixed paraffin embedded tissue (FFPE) sections on glass slides. (cont'd)</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)</p> <p>Immunohistochemistry to detect the following:(cont'd)</p> <p>P16 tumour suppressor protein - neoplastic vs benign tissue (HPV)</p> <p>P63 tumour suppressor protein - neoplastic vs benign tissue</p> <p>Pax-8 protein</p> <p>PD-L1 protein in urothelial carcinoma and non-small cell lung cancer</p> <p>Placental alkaline phosphatase – malignant germ cell tumours</p> <p>PMS2- associated with hereditary non-polyposis cancer HNPCC</p> <p>Progesterone receptors</p> <p>Prostate specific antigen - Normal and malignant cells of prostatic origin</p>	<p>Procedures documented in relevant equipment manuals and in house documented procedures by the following methods:</p> <p>Immunohistochemistry - Automated Method using Ventana Benchmark Ultra and Ventana Benchmark Ultra Plus Incorporating the following antibodies</p> <p>P16</p> <p>P63</p> <p>PAX-8</p> <p>PD-L1 SP263 clone</p> <p>PLAP</p> <p>PMS2</p> <p>Progesterone receptor</p> <p>PSA</p>	<p align="center">RGH</p>



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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
<p>HUMAN BODY TISSUE (cont'd)</p> <p>Formalin fixed paraffin embedded tissue (FFPE) sections on glass slides. (cont'd)</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)</p> <p>Immunohistochemistry to detect the following:(cont'd)</p> <p>Alpha – methyl acyl-CoA racemase protein – prostatic adenocarcinoma</p> <p>S100B protein- melanoma, normal and malignant cells of neuroectodermal origin</p> <p>Smooth muscle actin – smooth muscle cells, myofibroblasts, myoepithelial cells and related tumours.</p> <p>SOX-10- marker in melanomas, breast cancers, gliomas and Schwannomas</p> <p>Synaptophysin membrane glycoprotein: Normal and malignant neuroendocrine cells</p> <p>Thyroglobulin – normal thyroid epithelium and malignant cells of thyroid origin</p> <p>Thyroid transcription factor – normal and malignant cells of thyroid and lung origin</p>	<p>Procedures documented in relevant equipment manuals and in house documented procedures by the following methods:</p> <p>Immunohistochemistry - Automated Method using Ventana Benchmark Ultra and Ventana Benchmark Ultra Plus Incorporating the following antibodies</p> <p>P504S</p> <p>S100</p> <p>Smooth muscle actin</p> <p>SOX10</p> <p>Synaptophysin</p> <p>Thyroglobulin</p> <p>TTF-1</p>	<p align="center">RGH</p>



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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 TISSUE (cont'd)	<u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)	Procedures documented in relevant equipment manuals and in house documented procedures by the following methods:	RGH
Formalin fixed paraffin embedded tissue (FFPE) sections on glass slides. (cont'd)	Immunohistochemistry to detect the following: (cont'd)	Immunohistochemistry - Automated Method using Ventana Benchmark Ultra and Ventana Benchmark Ultra Plus Incorporating the following antibodies (cont'd)	RGH
	Vimentin intermediate filament protein – normal and malignant mesenchymal cells	Vimentin	
	Wilms tumour 1 protein- Wilms tumour, malignant mesotheliomas, serous ovarian carcinoma. Normal endothelial cells, smooth muscle cells and epithelial cells	WT1	
	Cytomegalovirus	CMV	
	Helicobacter pylori	SP48	
	MUC5AC Protein	MRQ-19	
	MUC6 Protein	MRQ-20	
	PRAME	Anti-PRAME EPR20330	



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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
<p>HUMAN BODY FLUIDS AND TISSUE</p> <p>Fluids, brushings, imprints, fine-needle aspirations from a diverse range of Human body sites, Cell Blocks</p> <p>Slides prepared in-house</p>	<p><u>Cytopathological examination activities for the purposes of clinical diagnosis</u></p> <p>Examination of cellular material in order to identify or exclude morphological and cytological abnormalities</p> <p>Demonstration of:</p> <p>Cells (nuclei and cytoplasm) and micro organisms</p>	<p>Procedures documented in relevant equipment manuals and in house documented procedures by the following methods:</p> <p>Diagnostic cytology (non-cervical)</p> <p>Preparation Liquid based cytology Cytospin Thermoscientific Sorvall ST16 SOPs: CPSWOM, NGPRE, NGMF, NGVOR, NGCEN, NGSP, NGTP, NGCYTO, NGDIR, NGFIXS, NGGEM, NGCOV, NGQA, NGMES, NGCB, NGCLOT, NGEFP</p> <p>Tinctorial stains:</p> <ul style="list-style-type: none"> • Papanicolaou stain • Romanowsky Stain Quick Diff <p>SOP NGSP</p> <p>Microscopy SOP NGMES</p>	<p style="text-align: center;">RGH</p>



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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 AND TISSUES (cont'd)	<u>Microbiology examination activities for the purpose of clinical diagnosis</u>	In House documented methods based on related All Wales Standard Methods for Microbiology Investigations.	
Whole blood	Culture and detection of microorganisms	Automated Blood Culture (Biomerieux BacTAlert system) SOP CTM Micro 20	RGH
CSF & sterile fluids, Urines, Corneal scrapes, tissue samples, bone Swabs from pus, eyes, ears, throat, mouth, skin, nose, paranasal, Genital and GUM samples, Intravascular cannula and associated samples. Respiratory samples – sputum, BAL, NBL, NPA, sinus aspirates Bronchoscope sterility aspirates	Isolation and identification of bacterial and fungal isolates of clinical significance	Manual culture: CSF & sterile fluids SOP CTM Micro 21 & CTM Micro 25 Urines SOP CTM Micro 38 Wound swabs SOP CTM Micro 19 & CTM Micro 32 Eye swabs SOP CTM Micro 23 Ear swabs SOP CTM Micro 22 Throat swabs SOP CTM Micro 36 Tissue samples SOP CTM Micro 37 Mouth swabs SOP CTM Micro 29 Genital and GUM samples SOP CTM Micro 26 Respiratory Samples SOP CTM Micro 30, CTM Micro 35 Intravascular cannula and associated samples SOP CTM Micro 28 Bone and prosthetic joint SOP CTM Micro 27 Skin and superficial sites SOP CTMBSOP 11	RGH
Faeces and Rectal Swabs	Isolation and identification of gastrointestinal pathogens of clinical significance including carbapenems producing organisms	Manual culture SOP CTM Micro 250	RGH
Bacterial isolates produced by the laboratory	Antimicrobial susceptibility testing and EMIC gradients on bacterial isolates	Manual Disc Diffusion (EUCAST) SOP CTM Micro 63 E test Gradient strips SOP CTM Micro 44	RGH



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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 AND TISSUES (cont'd)	<u>Microbiology examination activities for the purpose of clinical diagnosis</u> (cont'd)	In House documented methods based on related All Wales Standard Methods for Microbiology Investigations.	
Groin, mouth, nasal, throat, wound, axillae, Urine swabs	Detection of MRSA	Manual culture using chromogenic media SOP CTM Micro 250	RGH
Bacteria / yeasts -isolated colonies from tissue, swab, blood culture, sterile fluid, sputum, urine, faeces sample cultures	Identification of bacteria / yeasts	BioMerieux Vitek MS Prime, SOP Micro 244 Biomerieux Vitek Prime	RGH
Urine	Examination for white and red blood cells, crystals, epithelial cells, casts, bacteria and yeasts	Manual Microscopy SOP CTMSOP 12	RGH
Genital samples; High Vaginal Swab, endocervical, urethral	Detection of Trichomonas vaginalis, yeasts, white blood cells, clue cells.	Wet Films (Light Microscopy) CTM Micro 26	RGH
Urine	Detection of Pneumococcal and Legionella urinary antigen	BinaxNOW Antigen cards (Lateral Flow Cytometry) SOP CTM Micro Virology 21	RGH
Faeces	Qualitative detection of rotavirus antigen	Using Prolab Proflow rotavirus rapid membrane immunoassay kit CTM Micro 53	RGH
Faeces	Detection of C. difficile toxins	Rapid Membrane Immuno Assay Meridian Bioscience SOP CTMSOP 35	RGH
Isolated colonies from tissue, swab, blood culture, sterile fluid, sputum, urine, faeces sample cultures	Identification of microorganisms (bacteria/ yeasts)	BioMerieux Vitek MS Prime SOP CTM 244	RGH



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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 AND TISSUES (cont'd) Bacterial/fungi/yeasts isolates produced by the laboratory	<u>Microbiology examination activities for the purpose of clinical diagnosis (cont'd)</u> Identification of bacteria/fungi/yeasts	In House documented methods based on related All Wales Standard Methods for Microbiology Investigations. Manual methods Oxidase, chemical reaction SOP CTM Micro 246 Catalase, chemical reaction SOP CTM Micro 6 Staph latex, agglutination: SOP CTM Micro 8 Tube coagulase, agglutination: SOP Strep latex grouping agglutination: SOP CTM Micro 55 Enteric Serology, agglutination: SOP CTMBSOP 80 Urea, chemical reaction: SOP CTMicro 59 β -lactamase, chemical reaction SOP CTM Micro 4 Optochin, growth inhibitor: SOP CTM Micro 46 X&V discs: growth enhancement: SOP CTM Micro 33 Tributyryn, chemical reaction: SOP CTM Micro 248 E coli O157 latex SOP CTMBSOP 55 Target organism SOP CTMBSOP 86CTM Micro 56	RGH
Blood Culture, Pus samples, eye swabs, genital swabs, CSF, Sterile Fluids	Differentiation between different organism types: gram positive /negative/ variable, branching organisms, yeast, fungal hyphae, presence of clue cells.	Gram stain (light microscopy) CTMBSOP 56CTM Micro 15 Methylene Blue Stain (light microscopy) CTM Micro 65	RGH
Faeces	Detection and identification of ova, cysts and parasites	Concentration using Midi ParaSep and microscopic identification SOP CTM Micro 48	RGH



8192
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

Cwm Taf Morgannwg University Health Board

Issue No: 023 Issue date: 20 March 2026

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 AND TISSUES (cont'd)	<u>Microbiology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In House documented methods based on related All Wales Standard Methods for Microbiology Investigations.	
Peri-anal swab	Detection of Enterobius vermicularis	Microscopy - SOP CTM Micro 61	RGH
Urine	Detection and identification of Schistosoma haematobium	Concentration and microscopic identification SOP CTM Micro 48	RGH
Faeces	Detection of: Helicobacter pylori stool antigen C. Difficile antigen (GDH) Cryptosporidium EIA	Dynex DS2 by Enzyme Linked Immunosorbent assay CTM Micro 61 CTM Micro 17 CTMBSOP 35 CTM Micro 61	RGH
Throat Swabs	<u>Virology examination for the purpose of clinical diagnosis</u> Influenza A RNA Influenza B RNA Respiratory Syncytial Virus RNA SARS-CoV-2 Virus RNA	Cepheid GeneXpert Real-time RT-PCR using Xpert Xpress CoV-2/Flu/RSV Plus Multiplex Kit CTM Virology 11	RGH
Urine	<u>Miscellaneous examination activities for the purpose of clinical diagnosis</u> Pregnancy testing by detection of Human chorionic gonadotropin (hCG)	In House documented methods based on manufacturer's instructions for use Clinitest chromatographic immunoassay (CIA) SOP CTM Micro 66	RGH
END			