Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

10338

Accredited to ISO 15189:2022

Aneurin Bevan University Health Board

Issue No: 011 **Issue date:** 03 August 2026

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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
Cellular Pathology Department Royal Gwent Hospital Cardiff Road Newport NP20 2UB	**Local contact** Gwenan Jones +44 (0)1633 234513	Cellular Pathology: • Histopathology • Cytopathology • Reporting	A
Nevill Hall Hospital Brecon Road Abergavenny NP7 7EG	**Local contact** Gwenan Jones +44 (0)1633 234513	Cellular Pathology: • Reporting	B

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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY TISSUE	Histopathological examination activities for the purposes of clinical diagnosis	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:	
Tissue: biopsy, excision, resection and post-mortem specimens	Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis	Specimen dissection including decalcification SOPs HI0247 HI0246 HI0165	A
FFPE Tissue and Cell Blocks		Tissue processing using Thermo Scientific Excelsior AS processors SOP HI376	A
FFPE Tissue and Cell Blocks		Tissue embedding using Leica Arcadia Histocore SOP CEP0106	A
FFPE Tissue and Cell Blocks		Microtomy using Leica Histocore Biocut Microtome (SN 3371, 3386, 5726, 5729, 1567, 1568 and 2241) Leica RM2235 Microtome (SN 2792, 2793 and 10380)SOP HI0170	
Fresh Tissue		Intraoperative frozen sections using Epredia NX50 Cryostar and H&E staining SOPs HI0421 HI0059 HI0171 (H&E)	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY TISSUE (cont'd)	Histopathological examination activities for the purposes of clinical diagnosis (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:	
FFPE slides (Formalin fixed paraffin embedded)	Demonstration of:	Macroscopic and Microscopic examination	
	Basophilic and eosinophilic structures	Automated Haematoxylin and Eosin (H & E) staining using Sakura Prisma Stainer SOP HI0171	A
		Manual Special Stains as follows:	
	Glycogen, mucins, BMs and Fungi	Periodic acid Schiff's SOP HI0035 PAS	A
		Alcian Blue/Periodic acid Schiff's SOP HI0036 ABPAS	A
	Acid and neutral Mucopolysaccharides	Alcian Blue SOP HI0411 Alcian Blue	A
	Glycogen	Periodic acid Schiff's with diastase SOP HI0037 DPAS	A
	Elastin	Elastic van Gieson SOP HI0048 EVG	A
	Collagen, muscle	Haematoxylin, Van Gieson SOP HI0054 CBHVG	A
	Fungi	Grocott SOP HI0072 Grocott	A
	Reticulin fibres	James' Reticulin stain SOP HI0052 Retic	A
	Melanin	Masson Fontana SOP HI0136 Fontana	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY TISSUE (cont'd)	Histopathological examination activities for the purposes of clinical diagnosis (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:	
FFPE slides (Formalin fixed paraffin embedded) (cont'd)	Demonstration of: (cont'd)	Macroscopic and Microscopic examination	
		Manual Special Stains as follows:	
	Amyloid	Congo Red SOP HI0026 Congo Red	A
	Ferric iron, haemosiderin	Perls' Prussian Blue SOP HI0126 PPB	A
	Helicobacter pylori	Giemsa SOP HI0074 Giemsa	A
	Bacteria	Gram SOP HI0067 Gram	A
	TB	Ziehl Neelsen SOP HI0073 ZN	A
	Fibrin	Martius Yellow-Brilliant Crystal Scarlet-Methyl Blue SOP HI0027 MSB	A
	Elastin, Copper associated protein.	Orcein SOP HI0049 Orcein	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY TISSUE (cont'd)	Histopathological examination activities for the purposes of clinical diagnosis (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:	
FFPE slides from tissue (Formalin fixed paraffin embedded) and cytology cell block	Immunohistochemistry examination activities for detection of:	Leica Bond III fully automated immunohistochemistry platform CEP0200 Immunohistochemistry CEP0210 Use of pipettes CEP0211 Making up enzyme from the kit for the Leica BOND CEP0212 Stock control and acceptance testing in IHC	A
	Epithelial/basal marker. Squamous differentiation from adenocarcinoma.	34BE12 HMW cytokeratin	
	Epithelial marker	AE1/AE3 Cytokeratin	
	T-Cells, mantle zone B-Cells	BCL-2	
	Smooth muscle	CALPONIN	
	Mesothelial cells Classification of lymphomas and carcinomas	CALRETININ CD10	
	Gastrointestinal stromal tumour and mast cells	CD117	
	Plasma cell differentiation	CD138	
	CD15 expression in Hodgkin's lymphoma	CD15	
	General B-cell marker	CD20	
	Follicular dendritic cell marker	CD21	
	Follicular dendritic cell marker	CD23	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY TISSUE (cont'd)	Histopathological examination activities for the purposes of clinical diagnosis (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:	
FFPE slides from tissue (Formalin fixed paraffin embedded) and cytology cell block (cont'd)	Immunohistochemistry examination activities for detection of: (cont'd)	Leica Bond III fully automated immunohistochemistry platform CEP0200 Immunohistochemistry CEP0210 Use of pipettes CEP0211 Making up enzyme from the kit for the Leica BOND CEP0212 Stock control and acceptance testing in IHC	A
	General T-cell marker	CD3	
	Reed-Sternberg cells	CD30	
	Endothelial cell marker	CD31	
	Endothelial cell marker	CD34	
	Helper/inducer T cells	CD4	
	T-cells, sub-set of B cells, classification of lymphomas	CD5	
	NK-cells, neuroendocrine cells	CD56	
	Macrophages	CD68	
	B-cell lymphomas	CD79A	
	Suppressor/cytotoxic T cells	CD8	
	Colorectal carcinoma	CDX2	
	Epithelial cell marker	CEA	
	Neuroendocrine marker	CHRO	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY TISSUE (cont'd)	Histopathological examination activities for the purposes of clinical diagnosis (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:	
FFPE slides from tissue (Formalin fixed paraffin embedded) and cytology cell block (cont'd)	Immunohistochemistry examination activities for detection of: (cont'd)	Leica Bond III fully automated immunohistochemistry platform CEP0200 Immunohistochemistry CEP0210 Use of pipettes CEP0211 Making up enzyme from the kit for the Leica BOND CEP0212 Stock control and acceptance testing in IHC	A
	Squamous differentiation from adenocarcinoma	CK 5	
	Breast, lung, gynae adenocarcinoma	CK 7	
	Epithelial marker. Urothelial + hepatocellular carcinoma, neuroendocrine tumours, epithelioid malignant mesotheliomas	CK8/18	
	Epithelial marker. Thyroid papillary (+), thyroid follicular (-)	CK19	
	Colon, rectum, prostate adenocarcinoma	CK 20	
	Proliferative zone of epithelium and endothelium. Mantle cell lymphoma	CYCLIN D1	
	Differentiation of ductal (+) carcinoma or breast from lobular (-)	ECAD	
	Smooth muscle and skeletal muscle tumours	DESMIN	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY TISSUE (cont'd)	Histopathological examination activities for the purposes of clinical diagnosis (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:	
FFPE slides from tissue (Formalin fixed paraffin embedded) and cytology cell block (cont'd)	Immunohistochemistry examination activities for detection of: (cont'd)	Leica Bond III fully automated immunohistochemistry platform CEP0200 Immunohistochemistry CEP0210 Use of pipettes CEP0211 Making up enzyme from the kit for the Leica BOND CEP0212 Stock control and acceptance testing in IHC	A
	Epithelial Membrane Antigen. Epithelial marker	EMA	
	Endothelial cell marker	Factor 8 (vWF)	
	Fibrohistiocytic marker	Factor 13a	
	Melanoma marker	HMB45 Melanoma Marker	
	Proliferation marker	Ki67	
	Leukocyte common antigen. General lymphoma marker	LCA	
	Melanoma and normal melanocytes	MELAN A	
	Normal lung and lung adenocarcinomas	NAPSIN	
	Classification of germ cell tumours and GCNIS	OCT3/4	
	HPV related carcinomas	P16	
	Squamous differentiation from adenocarcinoma	p63	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY TISSUE (cont'd)	Histopathological examination activities for the purposes of clinical diagnosis (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:	
FFPE slides from tissue (Formalin fixed paraffin embedded) and cytology cell block (cont'd)	Immunohistochemistry examination activities for detection of: (cont'd)	Leica Bond III fully automated immunohistochemistry platform CEP0200 Immunohistochemistry CEP0210 Use of pipettes CEP0211 Making up enzyme from the kit for the Leica BOND CEP0212 Stock control and acceptance testing in IHC	A
	Placental Alkaline Phosphatase. Classification of germ cell tumours	PLAP	
	Prognostic breast cancer marker	PR	
	Prostate Specific Antigen. Prostate adenocarcinoma	PSA	
	Melanoma and neuroendocrine differentiation	S100	
	Thyroid Transcription Factor 1. Lung and thyroid marker	TTF1	
	General soft tissue marker	VIMENTIN	
	Ovarian serous carcinoma, malignant mesothelioma	WT1	
	P53 expression	p53	
	Neuroendocrine cell marker	SYNAPTOPHYSIN	
	Epithelial cell marker	BER EP4	

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HUMAN BODY TISSUE (cont'd)	Histopathological examination activities for the purposes of clinical diagnosis (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:	
FFPE slides from tissue (Formalin fixed paraffin embedded) and cytology cell block (cont'd)	Immunohistochemistry examination activities for detection of: (cont'd)	Leica Bond III fully automated immunohistochemistry platform CEP0200 Immunohistochemistry CEP0210 Use of pipettes CEP0211 Making up enzyme from the kit for the Leica BOND CEP0212 Stock control and acceptance testing in IHC	A
	Oestrogen Receptor. Prognostic breast cancer marker	ER	
	Lymphatic endothelial cells	D240	
	Endothelial cells, mesothelioma	Thrombomodulin	
	Low molecular weight cytokeratin marker	CAM 5.2 (anti-cyto)	
	Malignant mesothelioma, BAP1-deficient melanocytic lesions	BAP-1	
	Epithelial cell marker	EPCAM	
	Breast and urothelial carcinoma	GATA3	
	Gynae related tumours, renal and thyroid	Pax 8	
	Prostate adenocarcinoma	NKX3.1	
	Melanoma/metastatic melanoma	SOX-10	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY TISSUE (cont'd)	Histopathological examination activities for the purposes of clinical diagnosis (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:	
FFPE slides from (Formalin fixed paraffin embedded) tissue and cytology cell block (cont'd)	Immunohistochemistry examination activities for detection of: (cont'd)	Leica Bond III fully automated immunohistochemistry platform CEP0200 Immunohistochemistry CEP0210 Use of pipettes CEP0211 Making up enzyme from the kit for the Leica BOND CEP0212 Stock control and acceptance testing in IHC	A
	Smooth muscle differentiation	Caldesmon	
	Retention or loss of MLH1 protein expression in colorectal and endometrial cancers	MMR MLH1	
	Retention or loss of MSH2 protein expression in colorectal and endometrial cancers	MMR MSH2	
	Retention or loss of MSH6 protein expression in colorectal and endometrial cancers	MMR MSH6	
	Retention or loss of PMS2 protein expression in colorectal and endometrial cancers	MMR PMS2	
	Squamous cell carcinoma	P40	
	Malignant melanoma	Prame	
	Smooth muscle differentiation	SMA	
Slides stained in-house as above	Morphological assessment and interpretation/diagnosis	Using various microscopes SOP HI0389 SOP HI0390	A, B

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS	Cytopathological activities for the purposes of clinical diagnosis	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:	
Joint fluids	Identification of sodium urate crystals and calcium pyrophosphate crystals	Using wet prep and light microscopy SOP HI0094	A
Human body fluids, bronchial washings/brushings, fine needle aspiration samples, endoscopy brushings	Examination of cellular material in order to identify or exclude morphological and cytological abnormalities	Specimen preparation using Hologic Genesis Hettich Rotunda 420 Centrifuge (SN 0001841-08)Shandon Cytospin (SN 0002632-01-00) SOPs: Bronchial brushings CY007 Bronchial washings CY008 CSF CY013 Endoscopy brushings CY019 Fine needle aspirations CY024 Serous fluids CY058 Sputum CY063 Thyroid collection CY115 Urine CY071 Ebus CY138	A
		Automated staining using Leica autostainer XL and Stainmate autostainer Leica autostainer – PAP Stainmate – MGG and diff quik SOPs: Staining machine Leica autostainer XL CY065 Stainmate autostainer CY098	A
	Preparation of cell blocks followed by subsequent processing, staining and analysis as above	Using in- house cell block preparation • CEP0015 Preparation of Clot and Agar Blocks)- sample types: bronchial washings/brushings, FNAs and endoscopy brushings.	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Cytopathological activities for the purposes of clinical diagnosis (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:	
Slides prepared in-house as above	Morphological assessment and interpretation/diagnosis	Light microscopy using a variety of microscopes SOP Non-gynae reporting CY093	A, B
END			