


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 8698 Accredited to ISO 15189:2022	NHS Lothian Issue No: 013 Issue date: 02 April 2025	
	Pathology Royal Infirmary of Edinburgh 51 Little France Crescent Edinburgh EH16 4UX	Contact: Bernard Lawless Address: Laboratory Medicine Nine Bio Quarter 9 Little France Road Edinburgh, EH16 4UX E-mail: Bernard.Lawless@nhslothian.scot.nhs.uk

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
Address NHS Lothian- Royal Infirmary of Edinburgh- Pathology Royal Infirmary of Edinburgh 51 Little France Crescent Local Contact Nichola Wilson Department of Pathology Royal Infirmary of Edinburgh 51, Little France Crescent Edinburgh EH16 4SA Tel: 0131 242 7130 E-mail: Nichola.Wilson@nhslothian.scot.nhs.uk	Routine Histopathology Special Stains Immunocytochemistry Frozen Section Histology Diagnostic Cytology CSF	A
Address Western General NHS Lothian-Western General Hospital Pathology Crewe Road South Edinburgh EH4 2XU Local Contact Fiona Young Department of Pathology Western General Hospital Porterfield Road Edinburgh Tel: 0131 537 1959 E-mail:Fiona.X.Young@nhslothian.scot.nhs.uk	Immunofluorescence Stain Frozen Section Muscle Histochemistry	B
Address St John's Hospital NHS Lothian Howden Road West Livingston West Lothian EH54 6PP Local Contact Nichola Wilson Department of Pathology Royal Infirmary of Edinburgh 51, Little France Crescent Edinburgh EH16 4SA Tel: 0131 242 7130 E-mail Nichola.wilson@nhslothian.scot.nhs.uk: (site not manned on day-to-day basis)	Body store	C



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Site activities performed away from the locations listed above:

Location details	Activity	Location code
<p>Address Mortuary RIE NHS Lothian- Royal Infirmary of Edinburgh- Pathology Royal Infirmary of Edinburgh 51 Little France Crescent Edinburgh EH16 4SA</p> <p>Local Contact Nichola Wilson Department of Pathology Royal Infirmary of Edinburgh 51, Little France Crescent Edinburgh EH16 4SA Tel: 0131 242 7179 E-mail: Nichola.Wilson@nhslothian.scot.nhs.uk</p>	Mortuary and Body store	D
<p>Address Western General NHS Lothian-Western General Hospital Mortuary Crewe Road South Edinburgh EH4 2XU</p> <p>Local Contact Nichola Wilson Department of Pathology Royal Infirmary of Edinburgh 51, Little France Crescent Edinburgh EH16 4SA Tel: 0131 242 7130 E-mail: Nichola.Wilson@nhslothian.scot.nhs.uk</p>	Body store	E



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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 FLUIDS and TISSUES	<u>Diagnostic Cytology examinations to assist in clinical investigations</u>	In House documented procedure & manufacturer's instructions using the following equipment SOPs CYT-127, CYT-116, CYT-161, CYT-162	
Wet Fixed Preparations – Body fluids, urine, CSFs, aspirates, washings, brushings, EUS/EBUS FNA, FNA	Processing and Staining of Diagnostic Specimens for detection of abnormal cells	May Grunwald Giemsa (MGG Manual method using documented procedure SOP- CYT-57	A
Air Dried Preparations - Body fluids, CSFs		Papanicolau-Manual method using documented procedure SOP- CYT-57, CYT-69	A
FNA Air Dried Preparations - Breast, Thyroid, Lymph nodes		Rapid Papanicolau Documented procedure & manufacturers instructions using Hologic T2000 sample processor – CYT-57	A
		Hologic T2000 – SOP-CYT-21, CYT-44, CYT-46 Prisma staining machine – Papanicolau staining SOP-CYT-69 Prisma coverslipper – SOP-PATH-171	A
Air Dried Preparations- Paediatric BAL, Stool		Oil Red O Manual method using documented procedure SOP- CYT-57, CYT-69	A



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HUMAN BODY FLUIDS and TISSUES (cont'd)	<u>Neuropathology examinations to assist in clinical investigations</u>	In House manual methods and manufacturer's instructions documented	
Muscle	Detection of abnormal cells	SOP_PATH-W-26, PATH-W-279, PATH-W-280, PATH-W-281 ATPases PH 9.4, 4.6, 4.3 Cytochrome C oxidase NADH Phosphofructokinase+ adolase Phosphorylase Acid Phosphatase Myoadenylate deaminase reaction Succinic dehydrogenase H&E Periodic acid schiffs Gomoris trichrome	B
Skin and serum	Skin lesions- bullous / blistering skin disorders.	Immunofluorescence Stain SOP_PATH-W-24 FITC Ig_A, G, M, C3 Novalite Monkey Oesohagus IFA kit Direct ImP staining method Blood and serum Specimen for indirect IMF Blood indirect staining protocol	B
CSF	Detection of abnormal cells	Manual staining -Haematoxylin and Eosin SOP CYT-158	A
	<u>Frozen Section Histology examinations to assist in clinical investigations</u>		
Tissue samples	Detection of abnormal cells	Using the Leica Cryostats and Haematoxylin and Eosin, with Toluidine blue for neuropathology smears. SOP- PATH-165, PATH-211, PATH-1004, PATH-1029, ICC-R36, PATH-R-417, EXT-266, EXT-310, EXT-1803, PATH-200	A, B



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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>Routine Histopathology examinations to assist in clinical investigations</u>	In House manual methods and manufacturer's instructions documented	
Tissue samples	Detection of abnormal cells	Specimen Dissection Manual method using documented procedures in the range PATH-, PATH-176, PATH-185, PATH-,186, PATH-,187, PATH-,205, PATH-W-32, PATH-715	A, B
		Tissue processing Documented procedure & manufacturer's instructions using Leica Peloris, Sakura VIP6 & Thermo Shandon Excelsior PATH R-369, PATH R-368 and PATH R - 357	A
		Tissue embedding Manual method using documented procedure Sakura and Leica Arcaida embedding centres PATH-29	A
Tissue samples (cont'd)	Detection of abnormal cells (cont'd)	Tissue sectioning Manual method using documented procedure- Leica Microtomes PATH-175	A
		Routine staining (H&E) Documented procedure & manufacturer's instructions using Leica Spectra Stainers and CV coverslips and Leica Autostainer CV5030 coverslipper, PATH-R-402, PATH-R-32,PATH-171	A



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HUMAN BODY FLUIDS and TISSUES (cont'd)	<u>Special staining of Histopathology examinations to assist in detection of clinical abnormalities</u>	In House manual methods and manufacturer's instructions documented	
Tissue samples		Using series SOPs and Microscopy PATH-R--935, 936 938 939, and 941	A
	Acid and Neutral Mucins	Alcian Blue PAS	A
	Acid Fast Tubercle Bacilli	Zeihl Neelsen	A
	Amyloid	Congo Red (Highmans)	A
	Basement Membranes	Jones Methenamine Sliver	A
	Basophil/Eosinophil/ Neutrophil granules	Giemsa	A
	Connective tissue / Collagen / Muscle	Picro Sirius Red Van Gieson	A
	Connective tissue / Collagen / Muscle / Fibrin	Martius Scarlet Blue (MSB)	A
	Elastic Fibres	Elastic Van Gieson & Haematoxylin	A
	Fungi	Grocott Gomori Methenamine Silver Periodic Acid Schiff	A
	Glycogen/Neutral Mucins/Fungi	Periodic Acid Schiffs (PAS) +/- Diastase	A
	Gram +ve & Gram -ve Organisms	Gram Stain	A
	Haemosiderin	Perls Prussian Blue	A
	Helicobacter/Micro-organisms	Modified Giemsa	A
	Hepatitis B affected Cells /Copper associated protein	Shikata's Orcein , Rhodinine Rubeanic Acid	A
	Lipid	Oil Red O	A



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HUMAN BODY FLUIDS and TISSUES (cont'd)	<u>Special staining of Histopathology examinations to assist in detection of clinical abnormalities (cont'd)</u>	In House manual methods and manufacturer's instructions documented	
Tissue samples (cont'd)		Using series SOPs and Microscopy PATH-R--935, 936 938 939, and 941	A
	Mast Cells	Toluidine Blue	A
	Melanin / Argentaffin /	Masson Fontana	A
	Mycobacterium Leprae	Wade-Fite	A
	Nuclei	Celestin Blue-Haematoxylin	A
	Reticulin Fibres	Gordon & Sweet's Reticulin	A



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HUMAN BODY FLUIDS and TISSUES (cont'd)	<u>Immunocytochemistry of Histopathology examinations to assist in detection of clinical abnormalities</u>	In House manual methods and manufacturer's instructions documented	
Tissue samples & Cell blocks	Immunocytochemistry in Histopathology examinations to assist in detection of clinical abnormalities	Flexible scope protocols: QUAL 106 NHS Lothian Department of Pathology Flexible Scope Flexible scope limited to the application of these methods for commissioning & operation of IHC testing using the:	A
		Leica Bond III system with ER1, ER2 enzyme retrieval or no retrieval using polymer refine detection DAB Bond polymer refined red detection and Leica Chromoplex Detection kit using	A
		Roche Ventana Ultra Benchmark immunostainer with Ultra CC1, Ultra CC2, Ultra LCS, Protease 1, UltraView DAB detection kit, OptiView DAB detection kit, UltraView Alkaline Phosphatase Red detection kit, Amplification kit SOP ICC-R117	A
		DAKO AS Link 48 Immunostainer plus PT Link with EnVision FLEX target retrieval solution, SOP ICC-R79	A
		listed in UNIF-31	
Lung bx	Metastatic non-small cell lung cancer (NSCLC)	PD-L1 via DAKO AS Link 48 Autostainer system using SOP: ICC-R79	A



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HUMAN BODY FLUIDS and TISSUES (cont'd)	<u>FISH analysis to assist in detection of clinical abnormalities</u>	In House manual methods and manufacturer's instructions documented	A
FFPE tissue samples and cell blocks	HER2 amplification for therapy stratification in breast cancer	FISH Analysis Leica Bond automated staining procedures (breast): ICC-R39 Fluorescence Microscopy Interpretation and scoring: ICC-R46	
END			