Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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



8954

Accredited to ISO 15189:2022

Isle of Wight NHS Trust

Issue No: 007 Issue date: 07 November 2025

Department of Cellular Pathology Contact: Helen Tasker

St. Mary's Hospital E-Mail: helen.tasker@nhs.net

Newport Website: www.iow.nhs.uk

Testing performed at the above address only

Supporting activities performed at the location listed above:

PO30 5TG

Location details		Activity
Mortuary Department of Cellular Pathology (as above)	Helen Tasker (contact details above)	Mortuary services (inc. body receipt, storage & release) for Coroner's deceased and hospital consented cases.

Assessment Manager: EWS Page 1 of 12



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN TISSUES	Histopathology Examination to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis	Macroscopic and Microscopic examination using in house procedures in conjunction with manufacturer's instructions for the following methods (where relevant):
Tissues		Macroanalysis, dissection & decalcification using: HIS-LP-CutupGuide Processing using: HIS-LP-ExcelProcess Sakura Tissue-Tek VIP6 AI Processors Embedding using: HIS-LP-Embed and Sakura embedding centre
Tissues		Sectioning & slide production using: HIS-LP-Microt and Leica Histocore and Multicut rotary microtomes
Tissues	All tissue components: Nuclei Cytoplasm Muscle fibres Red blood cells Fibrin	Routine Haematoxylin and Eosin (H&E) staining & coverslipping using: HIS-LP-Auto and Sakura Tissue-Tek Prisma automated staining machine and Tissue Tek film coverslipper

Assessment Manager: EWS Page 2 of 12



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HUMAN TISSUES (cont'd)	Histopathology (cont'd) Examination to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)	Macroscopic and Microscopic examination using in house procedures in conjunction with manufacturer's instructions for the following methods (where relevant):
Tissues	Immunocytochemistry to detect the following:	Immunocytochemistry Automated procedures using: HIS-LP-ImmULTRA and Roche Benchmark ULTRA Instrument:
	Cytokeratin 40 to 70 kD	AE1/AE3
	Squamous cell carcinoma Loss of basal cell staining in prostatic carcinoma	34BE12
	Membrane staining follicular lymphoma cells vs. reactive follicles	Bcl-2
	Mesothelial cells	Calretinin
	Cytokeratin 8 Secretory epithelium (not stratified epithelium)	Cam5.2
	Mature T cells T cell lymphoma	CD3
	T cells Mantle zone cells Small lymphocytic lymphoma B-cell type	CD5
	Acute lymphoblastic leukaemia antigen Follicular centre cells Follicular centre lymphoma Burkitt's lymphoma Myoepithelial cells	CD10
	Granulocytes Reed Sternberg cells Neutrophils Various adenocarcinoma	CD15
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Assessment Manager: EWS Page 3 of 12



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HUMAN TISSUES (cont'd)	Histopathology (cont'd) Examination to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)	Macroscopic and Microscopic examination using in house procedures in conjunction with manufacturer's instructions for the following methods (where relevant):
Tissues (cont'd)	Immunocytochemistry to detect the following: (cont'd)	Immunocytochemistry (cont'd) Automated procedures using: HIS-LP-ImmULTRA and Roche BenchMark ULTRA Instrument
	B cells B cell lymphoma	CD20cy
	B cells Small lymphocytic lymphoma	CD23
	Reed Strenberg cells Mononuclear Hodgkin's cells	CD30
	Platelets Monocytes Granulocytes B cells Endothelial cells	CD31
	Neurons Astrocytes Schwann cells NK cells Activated T cells	CD56
	Macrophages	CD68
	Precursor B cells	CD79a
	Receptor tyrosine kinase protein	CD117
	Plasma cells (abscent in atypical cells of cervix)	CD138
	Villus and crypts of intestinal epithelial cells	CDX-2
	Various adenocarcinoma (absent in mesothelioma)	CEA

Assessment Manager: EWS Page 4 of 12



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HUMAN TISSUES (cont'd)	Histopathology (cont'd) Examination to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)	Macroscopic and Microscopic examination using in house procedures in conjunction with manufacturer's instructions for the following methods (where relevant):
Tissues (cont'd)	Immunocytochemistry to detect the following: (cont'd)	Immunocytochemistry (cont'd) Automated procedures using: HIS-LP-ImmULTRA and Roche BenchMark ULTRA Instrument
	Precursor B cells	CD79a
	Receptor tyrosine kinase protein	CD117
	Plasma cells (abscent in atypical cells of cervix)	CD138
	Villus and crypts of intestinal epithelial cells	CDX-2
	Various adenocarcinoma (absent in mesothelioma)	CEA
	Neural tissues Secretory granules of endocrine cells Neuroendocrine tumours	ChromograninA
	Mesothelioma Squamous cell carcinoma	CK5/6
	Glandular and transituional epithelia Adenocarcinoma of lung, breast, endometrium, ovary and thyroid Carcinoma of bladder and chromophobe renal cell carcinoma Primary and metastatic lung and colorectal adenocarcinoma	CK7
	Basal cells of squamous epithelia. Some glandular epithelial. Myoepithelium Mesothelial cells	CK14

Assessment Manager: EWS Page 5 of 12



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HUMAN TISSUES (cont'd)	Histopathology (cont'd) Examination to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)	Macroscopic and Microscopic examination using in house procedures in conjunction with manufacturer's instructions for the following methods (where relevant):
Tissues (cont'd)	Immunocytochemistry to detect the following: (cont'd)	Immunocytochemistry (cont'd) Automated procedures using: HIS-LP-ImmULTRA and Roche BenchMark ULTRA Instrument
	Ductal and gladular eithelia.	Ck19
	Colorectal cancers Adenocarcinoma of gall bladder, bile duct, ductal cell Adenocarcinoma of pancreas Mucinous ovarin tumours Merkel cell tumours Transitional cell carcinoma	Ck20
	Mantle cell lymphomas, some breast cancers	CyclinD1
	Lymphatic endothelium Lymphangiomas Kaposi sarcomas A subset of angiosarcomas with probable lymphatic differentiation	D2-40
	Skeletal & smooth muscle tumours	Desmin
	Epithelial cells	ECad
	Some carcinomas Meningioma Ki-1 lymphoma Plasma cell tumours Microvilli staining in mesothelioma	EMA
	Estrogen receptor cells of breast and other cancers	ER
	Breast, salivary, sweat gland tumours	GATA3

Assessment Manager: EWS Page 6 of 12



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HUMAN TISSUES (cont'd)	Histopathology (cont'd) Examination to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)	Macroscopic and Microscopic examination using in house procedures in conjunction with manufacturer's instructions for the following methods (where relevant):
Tissues (cont'd)	Immunocytochemistry to detect the following: (cont'd)	Immunocytochemistry (cont'd) Automated procedures using: HIS-LP-ImmULTRA and Roche BenchMark ULTRA Instrument
	Melanoma marker, nevus cell	HMB45
	Kappa light chains - cytoplasmic staining of plasma cells	Карра
	Cell proliferation marker	Ki-67
	Lambda light chains - cytoplasmic staining of plasma cells	Lambda
	Myeloid cells Granulocytes, Histiocytes and corresponding leukaemias	Myeloperoxidase
	Overexpression in the basal and parabasal cell layers of cervical squamous epithelium in high grade cervical intraepithelial neoplasia	P16
	Colonic tumours. Tumour suppressor gene product, marker of poor prognosis	P53
	Proliferating cells of epithelium, cervix, urothelium and prostate	P63
	Prostatic carcinoma	PAP
	Progesterone receptor cells of breast, endometrial, ovarian and meningial tumours	PR

Assessment Manager: EWS Page 7 of 12



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Isle of Wight NHS Trust

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HUMAN TISSUES (cont'd)	Histopathology (cont'd) Examination to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)	Macroscopic and Microscopic examination using in house procedures in conjunction with manufacturer's instructions for the following methods (where relevant):
Tissues (cont'd)	Immunocytochemistry to detect the following: (cont'd)	Immunocytochemistry (cont'd) Automated procedures using: HIS-LP-ImmULTRA and Roche BenchMark ULTRA Instrument
	Seminoma, other germ cell tumours	PLAP
	Prostatic carcinoma	PSA
	Neuroectodermal tissue, nerves, melanocytes	S100
	Smooth muscle actin found in vascular walls, intestinal mucsularis propria and stroma Myofibroblasts Myoepithelium Leiomyosarcoma	SMA
	Pulmonary small cell carcinoma Pulmonary non-small cell carcinoma Papillary carcinoma Goitre Non-malignant swelling of thyroid	TTF-1
	Sarcomas Lymphomas (co-expressed with cytokeratin in some carcinomas)	Vimentin

Assessment Manager: EWS Page 8 of 12



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Isle of Wight NHS Trust

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HUMAN TISSUES (cont'd)	Histopathology (cont'd) Examination to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)	Macroscopic and Microscopic examination using in house procedures in conjunction with manufacturer's instructions for the following methods (where relevant):
Tissues (cont'd)	Special stains to detect the following:	Manual Special staining Manual methods using procedures and stains as appropriate:
	Acid mucins Proteoglycans Hyaluronic acid Glycogen	Alcian Blue HIS-LP-AB
	Amyloid	Congo Red HIS-LP-CR
	Elastic fibres Cell granules Collagen	Elastic van Gieson HIS-LP-EVG
	Collagen Nuclei	Haematoxylin van Gieson HIS-LP- HVG
	Cells of haematopoietic system	Giemsa for bone marrows HIS-LP- GIE
	Helicobacter pylori	Giemsa for H pylori HIS-LP-GIEHP
	Nuclei Erythrocytes Muscle Collagen Fibrin	Martius Scarlet Blue HIS-LP-MSB
	Mycobacteria	Ziehl Neelsen HIS-LP-ZN

Assessment Manager: EWS Page 9 of 12



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Isle of Wight NHS Trust

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HUMAN TISSUES (cont'd)	Histopathology (cont'd) Examination to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)	Macroscopic and Microscopic examination using in house procedures in conjunction with manufacturer's instructions for the following methods (where relevant):
Tissues (cont'd)	Special stains to detect the following: (cont'd)	Automated Special staining: Roche BenchMark Special staining machine HIS-LP-BBS
	Ferric iron Nuclei	Perls
	Fungi Pneumocytis Melanin Collagen	Grocott
	Glycogen Nuclei	Periodic Acid Schiffs (PAS)
	Absence of glycogen	Diastase Periodic Acid Schiffs (DPAS)
	Reticulin	Reticulin
	Acidic mucins Neutral mucins Mixtures of acidic & neutral mucins Nuclei	Alcian Blue Periodic Acid Schiffs (ABPAS)
Slides prepared in house from samples listed above	Morphological assessment and interpretation/diagnosis	Macroscopic description and Microscopy (qualitative analysis) using: HIS-LP-CutupGuide and microscopes Leica DMRB Nikon Eclipse 80i Nikon Eclipse Ci-E (with and without teaching head) Nikon Eclipse E400

Assessment Manager: EWS Page 10 of 12



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Isle of Wight NHS Trust

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HUMAN TISSUES (cont'd)	Histopathology (cont'd) Examination to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis	Macroscopic and Microscopic examination using in house procedures in conjunction with manufacturer's instructions for the following methods (where relevant):
	All tissue components: Nuclei Cytoplasm Muscle fibres Red blood cells Fibrin	Routine H&E staining In-house procedures as for Routine Histopathology
Slides prepared in house from samples listed above	Morphological assessment and interpretation/diagnosis	Macroscopic description and Microscopy (qualitative analysis) using: HIS-LP-CutupGuide and microscopes Leica DMRB Nikon Eclipse 80i Nikon Eclipse Ci-E (with and without teaching head) Nikon Eclipse E400

Assessment Manager: EWS Page 11 of 12



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HUMAN TISSUES AND FLUIDS	Diagnostic cytopathology Examination to identify or exclude cytological abnormalities for the purpose of diagnosis	Macroscopic and Microscopic examination using in house procedures in conjunction with manufacturer's instructions for the following methods (where relevant):
Aspirates Bronchial lavage Cerebrospinal fluid Cytological smears Pleural fluids Fine needle aspiration Urine		Preparation/centrifugation using: HIS-LP-Fluid HIS-Cent HIS-LP-Cytospin and Cytospin4, centrifuge Staining using: HIS-LP-ngstaining and Sakura staining machine and stains as appropriate:
	Nuclei Cytoplasm Keratinising cells	Papanicoloau stain
	Nuclei Neutrophilic & eosinophilic granules Red Blood Cells	May Grunwald Giemsa (MGG)
Sentinel lymph node imprints	Nuclei Neutrophilic & eosinophilic granules Red Blood Cells	Rapid Diff using: HIS-LP-Sentinel
Slides prepared in house from samples listed above	Morphological assessment and interpretation/diagnosis	Macroscopic description and Microscopy (qualitative analysis) using: HIS-LP-CutupGuide and microscopes Leica DMRB Nikon Eclipse 80i Nikon Eclipse Ci-E (with and without teaching head) Nikon Eclipse E400
END		

Assessment Manager: EWS Page 12 of 12