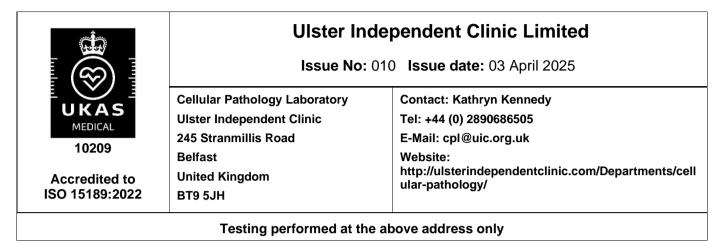
Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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



DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY TISSUE	Histopathological examination activities for the purposes of clinical diagnosis	Documented in-house methods and manufacturer's operating instructions as specified to support clinical diagnosis:
Fixed tissue, excisional and incisional biopsies and surgical resection specimens	Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis	Tissue Dissection and decalcification Dissection Manuals - Category A, B, C, D, E, CPL-H-MN-001, CPL-H-MN-002, CPL-H-MN-003, CPL-H-MN-005, CPL-H-LP-007 and CPL-H-LP-011 Preparation of fresh tissue for processing using Class II Microflow Biological Safety Cabinet – SOP's CPL-G-LP-007, CPL-H-LP-006 Processing specimens using Pyramid Pi Cassette Printer - SOP CPL-H-LP-010 <u>Tissue Processing</u> Tissue Tek VIP 6 tissue processors SOP: CPL-H-LP-002 CPL-H-LP-004



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY TISSUE (cont'd)	Histopathological examination activities for the purposes of clinical diagnosis (cont'd)	Documented in-house methods and manufacturer's operating instructions as specified to support clinical diagnosis:
		<u>Tissue Embedding</u> Production of paraffin blocks using Tissue -Tek TEC 5 and 6 Complete Embedding Centre - SOP CPL-H-LP-003
		<u>Tissue Microtomy</u> Production of sections from formalin fixed paraffin embedded tissues using Tissue Tek Autosection automated Microtome and rotary Accu-Cut SRM 200 Microtome <u>SOP: CPL-H-LP-008</u>
Formalin-fixed paraffin embedded tissue slides	Demonstration of basophilic and eosinophilic structures	Automated H&E staining using Tissue-Tek Prisma Autostainer and Tissue-Tek Film Coverslipper - SOP's CPL-G-LP-001, CPL-G-LP-002, CPL-G-LP-013
		Special Tinctorial Histochemical Staining Methods
		Stained sections on slides using Tissue-Tek Prisma Autostainer and Tissue-Tek Film Coverslipper – SOP's CPL-G-LP-001, CPL-G-LP-004
Formalin-fixed paraffin embedded tissue slides	Glycogen - Acid and Neutral mucins	Periodic Acid Schiff (PAS +/- Diastase)
	Amyloid	Congo Red
	M Tuberculosis	Ziehl Neelsen



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HUMAN BODY TISSUE (cont'd)	Histopathological examination activities for the purposes of clinical diagnosis (cont'd)	Documented in-house methods and manufacturer's operating instructions as specified to support clinical diagnosis:
		Manual Staining:
	<u>Elastin</u>	EVG (Millers) CPL-H-LP-012
Stained tissue slides	Morphological assessment and interpretation / diagnosis	Microscopic examination: Assorted range of diagnostic bright- field microscopes CPL-G-LP-009
		CPL-M-MP-001 – Pathologist Reporting Procedure
	Examination of fluids in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis	
Body cavity fluids, urine, respiratory specimens, cyst fluids, FNA needle washings		Processing of diagnostic cytology specimens (including cell block preparation) using ThinPrep 2000 processor, Labofuge 400 Centrifuge, Biological Safety Cabinet – SOP's CPL-C-LP-001, CPL-C-LP-003 CPL-C-LP-004, CPL-C-LP-005, CPL-G-LP-007
Formalin- fixed, paraffin- embedded tissue sections or cytological preparations on microscope slides		Staining of diagnostic cytology slides using Tissue-Tek Prisma Autostainer and Tissue-Tek Film Coverslipper – SOP's CPL-G-LP-001, CPL-G-LP-002
	Nuclei and other cellular components	Papanicolaou, Haematoxylin & Eosin
		Manual technique CPL-C-LP-002 Giemsa



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HUMAN BODY TISSUE (cont'd)	Histopathological examination activities for the purposes of clinical diagnosis (cont'd)	Documented in-house methods and manufacturer's operating instructions as specified to support clinical diagnosis:
Formalin- fixed, paraffin- embedded tissue sections on microscope slides	Immunohistochemistry for the detection of:	Leica Bond III Immunostainer – SOP's CPL-G-LP-008, CPL-G-LP-003
	Pan cytokeratin	Multi-Cytokeratin AE1/AE3
	Neuroanatomical marker	Calretinin
	Pan cytokeratin	Cytokeratin CAM 5.2
	Basal cell epithelium in prostate, myoepithelium in breast, squamous cell carcinoma in lung	Cytokeratin 14
	Pan T-cell marker	CD3
	Pan T-cell marker	CD5
	Renal cell carcinoma (RCC) /Lymphoma	CD10
	B Lymphocytes	CD20
	Follicular Dendritic cells	CD21
	B cells and B cell lymphomas	CD23
	Stem cell/endothelium Sarcoma	CD34
	Pan Leukocyte marker (T&B)	CD45
	Neuroendocrine	CD56
	Macrophages and mononuclear cells	CD68
	GIST, RCC, Germ cell tumour	CD117
	Gastrointestinal tumours	CDX2



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	measured/Range of measurement	Equipment/Techniques used
HUMAN BODY TISSUE (cont'd)	Histopathological examination activities for the purposes of clinical diagnosis (cont'd)	Documented in-house methods and manufacturer's operating instructions as specified to support clinical diagnosis:
Formalin- fixed, paraffin- embedded tissue sections on microscope slides (cont'd)	Immunohistochemistry for the detection of: (cont'd)	Leica Bond III Immunostainer – SOP's CPL-G-LP-008, CPL-G-LP-003
	Neuroendocrine cells and tumours with neuroendocrine differentiation	Chromogranin A
	Epithelium cytokeratin	Cytokeratin 5
	Epithelium cytokeratin	Cytokeratin CK7
	Gastro-intestinal cells cytokeratin	Cytokeratin CK20
	Smooth and striated muscle	Desmin
	Distinguish lobular from ductal carcinoma of breast	E-Cadherin
	Protein in epithelial cells	Epithelial Membrane Antigen
	Epithelial cells	Epithelial Antigen Ber EP4
	Breast hormone	Estrogen Receptor
	Melanocytes (melanoma)	Melanoma Marker HMB45
	Cell proliferation marker	Ki67
	Melanocytes (melanoma)	Melan A
	Ovarian cancer/HPV	p16
	Cell proliferation marker	p53
	Prostate adenocarcinoma	p504S /Racemase
	Tumour suppressor gene	p63
	Breast hormone	Progesterone Receptor



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HUMAN BODY TISSUE (cont'd)	Histopathological examination activities for the purposes of clinical diagnosis (cont'd)	Documented in-house methods and manufacturer's operating instructions as specified to support clinical diagnosis:
Formalin- fixed, paraffin- embedded tissue sections on microscope slides (cont'd)	Immunohistochemistry for the detection of: (cont'd)	Leica Bond III Immunostainer – SOP's CPL-G-LP-008, CPL-G-LP-003
	Neuroectodermal tumours and melanoma	S-100
	Smooth muscle cells and their tumours	Smooth Muscle Actin
	Demonstration of synaptophysin producing cells	Synaptophsin
	Nuclear protein in lung and thyroid	Thyroid Transcription Factor-1
	Wilm's tumour	Wilm's Tumour 1
	Marker of melanocytic and schwannian neoplasms.	Sox10
	Marker of High Molecular Weight Cytokeratin, complex epithelia	HMW CK34Be12
	H-Pylori For identification of helicobacter pylori bacteria	Helicobacter pylori
	BCL2 For identification of follicular lymphoma	BCL2
	Cyclin D1 For identification of mantle cell lymphoma	Cyclin D1
END		