


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 UKAS MEDICAL 9105 Accredited to ISO 15189:2022	NHS Forth Valley	
	Issue No: 013 Issue date: 15 December 2025	
	Department of Cellular Pathology Forth Valley Royal Hospital Stirling Road Larbert FK5 4WR	Contact: Leigh Ritchie Tel: +44 (0) 1324 566643 E-Mail: leigh.ritchie@nhs.scot
Testing performed at the above address only		

Locations covered by the organisation and their relevant activities

Activities performed at other sites:-

Location details		Activity
Mortuary	As above	Body Storage
Off Site Block and Slide Storage	Central Stores Department Unit 2 Colquhoun Street Stirling FK7 7PX	Archival storage of Blocks and Slides



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>HUMAN BODY FLUIDS and TISSUES (cont'd)</p> <p>Tissue samples (cont'd)</p>	<p><u>Routine Histopathology examinations to assist in clinical investigations</u></p>	<p>In House documented manual methods and manufacturer's instructions</p> <p>Specimen Dissection Manual method using documented procedures in the range Pathology 33693 to 33696 and 2064</p> <p>Decalcification of tissue sample included in Pathology 2804 & Pathology 2857</p> <p>Tissue processing Documented procedure & manufacturer's instructions using Lecia Peloris 3 dual retort & Thermo Excelsior tissue processors. Pathology 52148 Pathology 11187 Tissue Processor SOP AS Operators Guide 50743. SOP Pathology 50744</p> <p>Tissue embedding using SOP Pathjology-2398 Leica Histocore Arcadia H&C Embedding centres – SOPs Pathology 2332 and 2331</p> <p>Tissue sectioning (Microtomy) Manual method, documented procedure using SOP Pathology 2343 and Leica Histocore Autocut Microtomes – SOP Pathology 2342</p>



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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 documented procedure of manual methods using and Microscopy
Tissue samples (cont'd)	Identification of basophilic and eosinophilic structures	Routine staining (H&E) Documented procedure & manufacturer's instructions using LEICA XL Autostainer SOPs – Pathology 2582 Leica CV5030 coverslipper SOPs Pathology-2583
	Acid Mucins	Manual method & documented procedure using Histology Staining and Mounting Procedures Pathology 3052 Alcian Blue
	Acid and Neutral Mucins	Alcian Blue-PAS +/- Diastase
	Amyloid	Highman's Congo Red
	Bacteria	Gram Stain
	Collagen	Masson Trichrome
	Elastic Fibres	Miller's Elastic Van Gieson Stain
	Elastic Fibres, Mast Cell Granules	Millers Elastic H&E Stain
	Ferric Iron	Perl's Prussian Blue
	Fungi, Melanin	Grocott Gomori Methanamine Ag.
	Glycogen, Mucins, Fungi	PAS+/- Diastase
	Leprosy bacilli	Wade-Fite
	Melanin pigment	Masson Fontana (MF)



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Tissue samples (cont'd)	Melanin pigment removal	Mallory Bleach
	Mineralised bone	Von Kossa
	Reticulin Fibres	Gordon & Sweet's Reticulin
	Tuberculosis bacilli	Ziehl Neelsen
	<u>Immunocytochemistry of Histopathology examinations to assist in detection of clinical abnormalities</u>	In house documented procedures & manufacturer's instructions using Benchmark ULTRA and antibodies to and microscopy;- Pathology 33703
Tissue samples	Acute Myeloid Leukaemia, Lymph Node, Histiocytic differentiation	CD68
	Adrenal Tumours, Germ Cell Tumours vs Carcinoma, Sex Cord Stromal Tumours	INHIBIN
	Adrenocortical Tumours, Pleura: Adenocarcinoma vs Mesothelioma, adenomatoid tumours, sex cord stromal tumours	CALRETININ
	B Cell Lymphoma, Hodgkin vs Non-Hodgkin Lymphoma	BCL-6
	B Cell Lymphoma, synovial sarcoma	BCL-2
	B Cell Lymphomas, Follicular Dendritic cells	CD23
	B Cell Lymphomas, Hodgkin vs Non-Hodgkin Lymphoma, Acute Myeloid Leukemia	BOB1



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HUMAN BODY FLUIDS and TISSUES (cont'd)	<u>Immunocytochemistry of Histopathology examinations to assist in detection of clinical abnormalities</u> (cont'd)	In house documented procedures & manufacturer's instructions using Ventana Benchmark ULTRA and antibodies to and microscopy; Pathology 33703
Tissue samples (cont'd)	B Cell Lymphomas, Hodgkin vs Non-Hodgkin Lymphomas, Acute Myeloid Leukemia	OCT 2
	B Cell Lymphomas, Hodgkin vs Non-Hodgkin Lymphomas, Myeloma, Melanoma	MUM1
	B Cell Lymphomas, Lymphoblastic Lymphomas: B Cell vs T cell	CD20
	B Cell Lymphomas, Plasma Cells	CD79a
	B Cell vs T Cell	PAX5
	B Cell vs T Cell, Lymphoma, T Cell Lymphoma	CD3
	Bladder: Dysplasia vs Reactive, Carcinomas, Cutaneous Neoplasm. Used in identifying the Origin of Certain Carcinomas	CK20
	Breast Carcinoma, Small Cell Carcinoma vs Merckel Cell Carcinoma	E-CADHERIN
	Breast Carcinomas, Endometrial Carcinomas	OESTROGEN RECEPTOR
	Breast Carcinomas, Endometrial Carcinomas	PROGESTERONE RECEPTOR
	Breast Lesion, deep fibromatosis	BETA –CATENIN



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Tissue samples (cont'd)	Carcinomas, Carcinoma differential diagnosis, Breast Lesion, Breast vs Lung vs Prostate Carcinoma	GCDFP-15
	Carcinomas, Lower GI Carcinomas	CDX2
	Carcinomas, Ovarian Serous Carcinoma, CC Renal Carcinoma, Papillary Thyroid Carcinoma	PAX8
	Carcinomas, Squamous differentaion, Breast Myoepithelial cells, Prostate basal cells	P63
	Cell Proliferation, Bladder Dysplasia vs Reactive	Ki67
	Certain Soft Tissue Sarcoma, Skin: Spindle Cell Tumours, Sex Cord Stromal Tumours, Thymoma	CD99
	Certain soft tissue tumours	PLAP
	Certain T Cell Lymphomas	PgP9.5
	Colon vs Ovarian Carcinoma	CA125
	Cytological epithelial differentiation Pleura: Adenocarcinoma vs Mesothelioma,	BER-EP4
	Cytomegalovirus	CMV



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Tissue samples (cont'd)	Epithelial differentiation, Certain Soft tissue tumour	MNF116
	Epithelial differentiation, Small round blue cell tumours, Specific soft tissue tumour	AE1/AE3
	Epstein-Barr Virus	EBV-LMP
	Germ Cell Tumours	OCT 4
	Germ Cell Tumours vs Somatic Adenocarcinoma, Placental Trophoblastic Cells, Placental Trophoblastic Proliferations	HCG
	GIST: Mutation vs Wild Type, Spindle Cell Tumours	DOG1
	Glial, myoepithelial and Schwann cells	GFAP
	Gynaecological Carcinomas, Renal carcinoma, Thyroid carcinoma	PD1
	Hairy Cell Leukemia	Annexin A1
	Hairy Cell Leukemia	DBA44
	HCC, germ cell tumours, Melanoma, Wilms tumour	GLYCIPAN-3
	Helicobacter Pylori	H Pylori
	Hodgkin vs Non-Hodgkin Lymphoma, Soft tissue tumour, ALCL, Inflammatory myofibroblastic tumour	ALK1



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Tissue samples (cont'd)	Hodgkin vs Non-Hodgkin Lymphomas, Germ Cell Tumours	CD30
	Hodgkin vs Non-Hodgkin Lymphomas, Skin: Adnexal Tumours, Adenocarcinoma vs Mesothelioma	CD15
	Hodgkin vs Non-Hodgkin Lymphomas, Skin: Adnexal Tumours, Skin: Basal vs Squamous Cell Carcinoma. Carcinomas. Certain Sarcomas	EMA
	Kidney: Renal Epithelial Tumours	RCC
	Liver: Malignant vs Benign	HEPATOCYTE 1
	Liver: Malignant vs Benign, Pleura: Adenocarcinoma vs Mesothelioma, Carcinomas	CEA (Monoclonal)
	Liver: Malignant vs Benign, Pleura: Adenocarcinoma vs Mesothelioma, Carcinomas, HCC	CEA (Polyclonal)
	Liver: Malignant vs Benign, Yolk sac tumours	AFP
	Lymph Node, Follicular Dendritic cells	CD21
	Lymph node, Langerhan's cell histiocytosis, thymoma	CD1a
	Lymphoblastic Lymphomas	TDt
	Lymphoblastic Lymphomas: B Cell vs T Cell, T Cell lymphomas	CD7



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HUMAN BODY FLUIDS and TISSUES (cont'd)	<u>Immunocytochemistry of Histopathology examinations to assist in detection of clinical abnormalities</u> (cont'd)	In house documented procedures & manufacturer's instructions using Ventana Benchmark ULTRA and antibodies to and microscopy; Pathology 33703
Tissue samples (cont'd)	Lymphoid differentiation	CD45
	Lymphoma, acute Myeloid Leukemia, Plasma Cells	CD43
	Mastocytosis (differentiation)	CD25
	Mastocytosis (differentiation)	Mast Cell Tryptase
	Medullary Thyroid Carcinoma	CALCITONIN
	Melanocytic Lesions, Neuronal differentiation, Histiocytes, Myoepithelial differentiation	S100
	Melanocytic Lesions, PEComa, Adrenal tumours	HMB45
	Melanocytic Lesions , Adrenal Tumours, PEComa	MELAN A
	Melanocytic Lesions, Myoepithelial cells	SOX10
	Mesenchymal differentiation, RCC, AFX	VIMENTIN
	Muscle malignant tumours, Soft tissue neoplasms, Spindle cell tumours, Benign muscle tumours, Myoepithelial cells in breast, basal cells in prostate, myofibroblastic differentiation	ACTIN (Smooth Muscle)
	Myelodysplastic Syndrome (differentiation)	CD33



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Tissue samples (cont'd)	Pleura: Adenocarcinoma vs Mesothelioma, Colon vs Ovarian Carcinoma, Kidney: Renal Epithelial Tumours, Skin: Basal vs Squamous Cell Carcinoma, Carcinomas	ERA
	Pleura: Adenocarcinoma vs Mesothelioma, Lymphatics, Skin: Certain Spindle Cell Tumours, Germ Cell Tumours vs Somatic Adenocarcinoma, Renal Cell Carcinoma vs Haemangioblastoma	D2-40
	Pleura: Adenocarcinoma vs Mesothelioma, Ovarian Serous Carcinoma, Small round blue cell tumours, Wilms Tumour	WT1
	Prostate: Malignant vs Benign, Prostate basal cells	CK34 (HMWCK)
	Prostate: Malignant vs Benign, Prostate Lesions, Colon vs Prostate Adenocarcinoma, PIN, specific renal tumours	AMACR
	Prostatic and neoplastic salivary gland epithelium,	PSA
	Prostatic epithelium	PSAP
	Red Blood Cells	Glycophorin A
	Skeletal muscle differentiation	MYO D1
	Skeletal muscle differentiation	MYOGENIN



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Tissue samples (cont'd)	Smooth and skeletal muscle differentiation	DESMIN
	Specific Carcinomas, B Cell Lymphomas, Kidney: Renal Epithelial Tumours, endometrial stromal sarcoma, AFX	CD10
	Specific Spindle Cell Tumours, Certain Epithelioid soft tissue tumours	CD34
	Spindle Cell tumours, Endothelium and endothelial tumours	CD31
	Squamous cell carcinoma	P40
	T Cell Lymphoma, Histiocytic Lesions	CD4
	T Cell Lymphoma, Mastocytosis	CD2
	T Cell Lymphomas	CD8
	Thymus, B Cell Lymphomas, Lymphoblastic Lymphomas: B Cell vs T Cell, T Cell Lymphomas, MCL, CLL	CD5
	Thymus, Neuroid Skin Lesions, T Cell Lymphomas, Small round blue cell tumours, Hodgkins vs Non-Hodgkins Lymphoma	CD57
	Thyroid epithelium	THYROGLOBULIN
	Urothelial Carcinoma, Breast Carcinoma, Carcinoma (differentiation)	GATA3
	Used in identifying the Origin of Certain Carcinomas	CK7



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<p>HUMAN BODY FLUIDS and TISSUES (cont'd)</p> <p>Tissue samples (cont'd)</p> <p>Paraffin embedded tissue sections</p>	<p><u>Immunocytochemistry of Histopathology examinations to assist in detection of clinical abnormalities</u> (cont'd)</p> <p>Used in identifying the Origin of Certain Carcinomas, Lung, Thyroid Carcinoma and certain neuroendocrine tumours</p> <p>Kaposi's Sarcoma</p> <p>Prostatic epithelium, Metastatic Prostate Carcinoma</p> <p>Uterus Trophoblastic Proliferations</p> <p>IgA IgG IgM C3 Comp Fibrinogen</p> <p><u>In Situ Hybridisation of Histopathology examinations to assist in detection of clinical abnormalities</u></p> <ul style="list-style-type: none"> • Kappa • Lambda • EBV <p><u>Morphological assessment and interpretation/diagnosis</u></p>	<p>In house documented procedures & manufacturer's instructions using Benchmark ULTRA and antibodies to and microscopy; Pathology 33703</p> <p>TTF1</p> <p>HHV8</p> <p>NKX3.1</p> <p>P57</p> <p>Immunofluorescence SOP; Pathology 33707</p> <p>In house documented procedures & manufacturer's instructions using</p> <p>Using specific probes and detection kit and Benchmark ULTRA SOP; Pathology 3898</p> <p>Olympus Brightfield Microscope Interpretation of staining pattern Microscopy SOP 2899</p>



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HUMAN BODY FLUIDS Ejaculate	<u>Andrology examination for the purpose of clinical diagnosis</u> <u>Fertility testing</u> Volume pH Sperm morphology excluding TZI scoring (1% to 13% normal forms) Sperm concentration (10 to 160 million sperm/ml) Sperm motility (10% to 76%) Sperm vitality Detection of sperm Sperm motility Sperm concentration	Based on WHO laboratory manual for the examination and processing of human semen (Sixth edition 2021) and manual method using documented in-house procedure Semen Analysis Volume/weight Colorimetric strips Stained slides (Papanicolau) microscopy (Bright field) Microscopy (Phase contrast) Microscopy (Phase contrast) Stained slide (Eosin/Nigrosin dye exclusion test) microscopy (Bright field) Manual method using documented in-house procedure, by large volume chambers manual microscopy Based on WHO laboratory manual for the examination and processing of human semen (Sixth edition 2021) and documented in-house procedure Semen Analysis in conjunction with manufacturer's instructions for analysis using SQA Vision

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