


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 UKAS MEDICAL 9069 Accredited to ISO 15189:2022	Southern Health and Social Care Trust	
	Issue No: 012 Issue date: 18 November 2025	
	Cellular Pathology Craigavon Area Hospital 68 Lurgan Road BT63 5QQ United Kingdom	Contact: Rachael McCracken Tel: +44 (0) 28 37566176 E-Mail: Rachael.McCracken@southerntrust.hscni.net Website: http://www.southerntrust.hscni.net/
Testing performed at the above address only		

Locations covered by the organisation and their relevant activities

Additional site activity performed away from the laboratory:

Location details	Activities
On-site Body Store	Mortuary Services (body receipt, storage and release)
Fine Needle Aspiration Clinic	EUS and EBUS FNA slide preparation, staining and provisional diagnosis

Site activities performed away from the locations listed above:

Location details	Activities
Daisy Hill Hospital Mortuary – body store 5 Hospital Road Newry BT35 8DR United Kingdom	Mortuary Services (body receipt, storage and release)
South Tyrone Hospital tissue block store Carland Road Dungannon BT71 4AU United Kingdom	Tissue block store



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>HUMAN BODY TISSUE</p> <p>Tissue resection and biopsy specimens from the following sites: Head and Neck Cardiorespiratory Breast Gastrointestinal Female genital tract. Urology Skin Osteoarticular and soft tissue Lymph nodes (non-haematological malignancies)</p> <p>Calcified and hard fibrous tissue</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis</u></p> <p>Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Tissue Dissection Down flow AFOS dissecting workstations x 5.</p> <p>Balances VWR LPC-213I X4 Operator manual: LPC-213IOPERATORMANUAL Sartorius BL6 x1 Operator manual: SARTORIUSOPMAN</p> <p>Thermo Printmate AS 450 Cassette Printer x2 SOP:SLIDEPRINTERSOPMANUAL</p> <p>Slicing of calcified and keratinized tissue using band saw Gryphon Diamond Band Saw C-40 SOPs: BANDSAWOPERATORMANUAL; BANDSAWUSE</p>



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<p>HUMAN BODY TISSUE (cont'd)</p> <p>Calcified and hard fibrous tissue</p> <p>Tissue blocks</p> <p>Paraffin wax impregnated tissue blocks and cytology cellblocks</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Rapid fixation/decalcification and softening of tissue KOS Microwave Multifunction Tissue Processor SOP: KOSMICROWAVEOPERATORMANUAL; DISSECT</p> <p>Tissue processing Fixation, dehydration, clearing and impregnation in paraffin wax in preparation for tissue embedding.</p> <p>Excelsior AS Tissue Processor Operator Manual: EXCELSIOROPMAN Reference SOP TPROCESSEXCEL</p> <p>Tissue paraffin wax manual embedding Standard tissue cassettes</p> <p>Thermo Scientific Microme EC 350 Operator manual: TISSUEMBEDCENTHERMOMICROM M Thermo Scientific Histo Star Operator manual: EMBEDCENTHISTOSTAROPMAN</p> <p>Para Trimmer SOP: EMBEDDINGPROTOCO</p>



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<p>HUMAN BODY TISSUE (cont'd)</p> <p>Paraffin embedded tissue and cytology cell blocks.</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Trimming and cutting of tissue sections SOP: SECTIONCUT</p> <p>Biocut 2035, Microm HM325 Leica RM 2125 RTF, RM2125 RTS microtomes</p> <p>Operator manuals: BIOCUT2035OPMAN MICROMHM325OPMAN LEICARTSOPERATORMANUAL</p> <p>Leica HI1210 digitally and thermostatically controlled tissue section floatation water baths. Operator Manuals: LEICAWATERBATHUSERGUIDE</p> <p>Thermo Scientific Slidemate AS Printers Operator manual: SLIDEPRINTERSOPMANUAL</p>



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<p>HUMAN BODY TISSUE (cont'd)</p> <p>3-4µm paraffin embedded tissue sections</p> <p>Slides prepared in house as above</p> <p>3-4µm paraffin embedded tissue sections</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)</p> <p>Identification of basophilic and acidophilic intra- and extracellular structures</p> <p>Morphological assessment and interpretation/diagnosis</p> <p>IHC stains for the detection of:</p> <p>Liver marker</p> <p>Apoptosis marker</p> <p>Lymphoid marker</p> <p>Epithelial marker</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Automated H&E staining Ventana HE600, Sakura Prisma. HE600 stainer and coverslipper Prisma automated H&E stainer and coverslipper. Operator manual PRISMAOPERATORMAN SOP: STAINAUTOSTAIN</p> <p>Immunohistochemical staining using the following equipment and primary antibodies:</p> <p>Light microscopy SOP: MICROSCOPEADJUST</p> <p>Ventana Benchmark Ultra and Ventana Benchmark Ultra Plus SOP: IMMUNOSTAIN</p> <p>α-1-Fetoprotein</p> <p>BCL-2</p> <p>BCL-6</p> <p>Ber EP4</p>



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HUMAN BODY TISSUE (cont'd)	<u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:
3-4µm paraffin embedded tissue sections (cont'd)	IHC stains for the detection of: (cont'd)	Immunohistochemical staining Ventana Benchmark Ultra and Ventana Benchmark Ultra Plus
		SOP: IMMUNOSTAIN (cont'd)
	GI tract and pancreatic marker	CA19.9
	Thyroid tumour marker	Calcitonin
	Smooth muscle marker	Caldesmon
	Smooth muscle marker	Calponin
	Mesothelioma marker	Calretinin
	T lymphocyte marker	CD3
	T helper lymphocyte marker	CD4
	Lymphoid marker	CD5
	T cell lymphocyte marker	CD8
	Lymphoid and endometrial tumour marker	CD10
	Hodgkin's lymphoma marker	CD15
	B lymphocyte marker	CD20
	B cell lymphocyte marker	CD23
	Hodgkin's lymphoma marker	CD30
	Endothelial marker	CD31
	Endothelial marker	CD34
	Lymphocyte marker	CD45



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HUMAN BODY TISSUE (cont'd)	<u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:
3-4µm paraffin embedded tissue sections (cont'd)	IHC stains for the detection of: (cont'd)	Immunohistochemical staining Ventana Benchmark Ultra and Ventana Benchmark Ultra Plus
		SOP: IMMUNOSTAIN (cont'd)
	Nerve and neuroendocrine tumour marker	CD56
	Histiocyte/macrophage marker	CD68
	B lymphocyte marker	CD79a
	Ewing's sarcoma marker	CD99
	Plasma cell marker	CD138
	GI tract tumour marker	CDX2
	Epithelial marker	CEA mono
	Epithelial marker and liver tumour marker	CEA poly
	Neuroendocrine cell marker	Chromogranin
	Pre/malignant cervical tumour marker	CINTEC p16
	Secretory epithelial marker	CK-CAM5.2
	Epithelial marker	CK-Pan K (AE1/AE3)
	Epithelial marker	CK7
	Epithelial marker	CK5/6
	Epithelial marker	CK14
	Epithelial marker	CK19
	Epithelial marker	CK20



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<p>HUMAN BODY TISSUE (cont'd)</p> <p>3-4µm paraffin embedded tissue sections (cont'd)</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)</p> <p>IHC stains for the detection of: (cont'd)</p> <p>Epithelial marker</p> <p>Gastrointestinal stromal marker</p> <p>Mantle cell lymphoma and breast tumour marker</p> <p>Cytomegalovirus marker</p> <p>Pan muscle marker</p> <p>GI tract stromal tumour marker</p> <p>Lymphocyte channel marker</p> <p>Cell adhesion molecule marker</p> <p>Epithelial marker</p> <p>Prostate Marker</p> <p>Breast and urothelial marker</p> <p>Mesothelial marker</p> <p>Lung epithelial marker</p> <p>HER2 amplification marker</p> <p>Hepatocyte marker</p> <p>Melanoma marker</p> <p>Lymphoma marker</p> <p>Proliferation marker</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Immunohistochemical staining Ventana Benchmark Ultra and Ventana Benchmark Ultra Plus</p> <p>SOP: IMMUNOSTAIN (cont'd)</p> <p>CK34BE12</p> <p>C-KIT</p> <p>Cyclin D1</p> <p>Cytomegalovirus (CMV)</p> <p>Desmin</p> <p>DOG 1</p> <p>D2-40</p> <p>E-Cadherin</p> <p>EMA</p> <p>ERG</p> <p>GATA 3</p> <p>HBME-1</p> <p>HCG</p> <p>HER2</p> <p>Hepatocyte Specific Antigen</p> <p>HMB45</p> <p>KAPPA</p> <p>Ki67</p>



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HUMAN BODY TISSUE (cont'd)	<u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:
3-4µm paraffin embedded tissue sections (cont'd)	IHC stains for the detection of: (cont'd)	Immunohistochemical staining Ventana Benchmark Ultra and Ventana Benchmark Ultra Plus
		SOP: IMMUNOSTAIN (cont'd)
	Lymphoma marker	Lambda
	Melanoma marker	Melan A
	Lung adenocarcinoma marker	Napsin A
	Germ cell marker	OCT 3
	Oestrogen receptor/prognostic breast marker	Oestrogen Receptor (ER)
	Epithelial gynae tumour marker	PAX8
	Germ cell tumour marker	PLAP
	Progesterone receptor/prognostic breast marker	Progesterone Receptor (PR)
	Prostate marker	PSA
	Prostate marker	PSAP
	Prostate and breast tumour marker	P40
	Prostate and tumour marker	P504S
	Wild type P53 tumour marker	P53
	Molar pregnancy marker	P57
	Marker of squamous and urothelial cells / tumours and basal/myoepithelial cells	P63



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HUMAN BODY TISSUE (cont'd)	<u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:
3-4µm paraffin embedded tissue sections (cont'd)	IHC stains for the detection of: (cont'd)	Immunohistochemical staining Ventana Benchmark Ultra and Ventana Benchmark Ultra Plus
		SOP: IMMUNOSTAIN (cont'd)
	Neural and nerve sheath marker	S100
	Smooth muscle marker	SM Actin
	Smooth muscle marker	SM Myosin
	Neural marker	SOX-10
	Neural cell and neuroendocrine marker	Synaptophysin
	Thyroid marker	Thyroglobulin
	Thyroid and lung marker	TTF-1
	Mesenchymal tumour marker	Vimentin
	Wilm's and mesothelioma tumour marker	WT-1
	Fibromatosis (desmoid tumours)	B-Catenin
	Helicobacter pylori	Helicobacter pylori
	Colorectal carcinoma	SATB2
	Rhabdomyosarcoma	Myogenin
	Mismatch repair protein	MMR antibodies (MLH1, MSH2, MSH6, PMS2)
	Prostate carcinoma	Basal Cell Cocktail (34B12 + p63) & p504s Dual Stain



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<p>HUMAN BODY TISSUE (cont'd)</p> <p>3-4µm paraffin embedded tissue sections (cont'd)</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)</p> <p>Special stains for the detection of: (cont'd)</p> <p>Mycobacterium Acid Fast Bacilli</p> <p>Acid Mucins</p> <p>Differential identification acid and neutral mucins</p> <p>Amyloid</p> <p>Glycogen</p> <p>Elastin Fibres</p> <p>Fungi and other opportunistic organisms</p> <p>Iron pigment</p> <p>Acid muco-polysaccharides</p> <p>Glycogen</p> <p>Reticulin fibres</p> <p>Connective tissue and collagen</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Special stains - automated</p> <p>Ventana Benchmark Automated Stainer Operator Manual WS-6DOWNFLOWOPMAN and the following kits:</p> <p>AFB 3 Kit</p> <p>Alcian Blue Kit</p> <p>Alcian Blue PAS Kit</p> <p>Congo Red Kit</p> <p>Diastase Kit</p> <p>Elastin Staining Kit</p> <p>GMS 2 Kit</p> <p>Iron Staining Kit</p> <p>Mucicarmine Kit</p> <p>PAS Kit</p> <p>Reticulin Staining Kit</p> <p>Trichrome Staining Kit</p>



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<p>HUMAN BODY TISSUE AND FLUIDS</p> <p>Liquid Based Human body fluids (except CSF and joint fluids)</p> <p>Respiratory tract specimens (including sputa and bronchoscopy)</p> <p>Urinary tract specimens</p> <p>Liquid Based Cytology (LBC) Samples</p>	<p><u>Non-gynae cytopathological examination activities for the purposes of clinical diagnosis</u></p> <p>Examination of cellular material to identify or exclude morphological abnormalities</p> <p>Production of cell monolayer preparations free from red blood cells</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Automated non-gynae LBC slide production SOPs: CYTLBCPROCESSING CYTNGPROCESSING</p> <p>T5000ThinPrep automated LBC Processor and autoloader</p> <p>Operator manual: T5000OPERATORMANUAL</p> <p>MSE Harrier 15/80 Centrifuge Operator manual CENTRIFUGEMSEHARRIER</p> <p>Automated LBC slide production post acid treatment</p> <p>T5000ThinPrep automated LBC Processor and autoloader Operator manual: T5000OPERATORMANUAL SOP: CYTLBCPROCESSING</p> <p>IKA Vibrax Vortexor Operator manual: VORTEXOPERMAN</p> <p>MSE Harrier 15/80 Centrifuge Operator manual: CENTRIFUGEMSEHARRIER</p>



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Human body fluids and tissues including upper GI endoscopy specimens</p> <p>Fine needle aspirates: Soft tissue, abdomen, head and neck, lymph node, breast, lung, hepatobiliary</p> <p>Liquid Based Cytology Cell Samples</p>	<p><u>Non-gynae cytopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)</p> <p>Production of cell monolayer preparations</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Automated non-gynae LBC slide production SOP: CYTNGPROCESSING T2000 ThinPrep Processor Operator manual: T2000OPERATORMANUAL</p> <p>Microflow Class I Operator manual: MICROFLOWCLASS1OPERMAN</p> <p>IKA Vibrax Vortexor Operator manual: VORTEXOPERMAN</p> <p>MSE Harrier 15/80 Centrifuge Operator manual: CENTRIFUGEMSEHARRIER</p> <p>Production of direct smears, cytospins from cytology body fluid specimens and centrifuged cellular deposits SOP: CYTNGPROCESSING</p> <p>Microflow Class I Operator manual: MICROFLOWCLASS1OPERMAN</p> <p>MSE Harrier 15/80 Centrifuge Operator manual: CENTRIFUGEMSEHARRIER</p> <p>Cytospin 2 & CYTOSPIN 4 Operator manual: CYTOSPINOPMAN, CYTOSPINMAN</p>



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Non-gynae cytology cellular slide preparations (cont'd)</p> <p>Alcohol fixed cellular slide preparations</p> <p>Non-gynae cytology air fixed cellular slide preparations.</p> <p>Slides prepared in house as above</p>	<p><u>Non-gynae cytopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)</p> <p>Basophilic and acidophilic intra- and extracellular structures (cont'd)</p> <p>Basophilic and acidophilic intra- and extracellular structures</p> <p>Cytological assessment and interpretation/diagnosis</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Sakura Prisma stainer and coverslipper Operator manual: PRISMAOPERATORMAN</p> <p>Non-automated non-gynae PAP staining SOP : CYTNGPROCESSING</p> <p>WS-6 Downflow Workstation Operator Manual: WS-6DOWNFLOWOPMAN</p> <p>Rapi-diff 11 for rapid differential staining of cellular slide preparations</p> <p>CYTNGPROCESSING</p> <p>Light microscopy SOP: MICROSCOPEADJUST</p>
END		