


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 Accredited to ISO 15189:2022	Southern Health and Social Care Trust	
	Issue No: 011	Issue date: 18 December 2024
	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



9069

Accredited to
ISO 15189:2022

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

Southern Health and Social Care Trust

Issue No:011

Issue date: 18 December 2024

Testing performed by the Organisation at the locations specified

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>



9069

Accredited to
ISO 15189:2022

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

Southern Health and Social Care Trust

Issue No:011

Issue date: 18 December 2024

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
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:
Calcified and hard fibrous tissue		Rapid fixation/decalcification and softening of tissue KOS Microwave Multifunction Tissue Processor SOP: KOSMICROWAVEOPERATORMANUAL; DISSECT
Tissue blocks		Tissue processing Fixation, dehydration, clearing and impregnation in paraffin wax in preparation for tissue embedding. Excelsior AS Tissue Processor Operator Manual: EXCELSIOROPMAN Reference SOP TPROCESSEXCEL
Paraffin wax impregnated tissue blocks and cytology cellblocks		Tissue paraffin wax manual embedding Standard tissue cassettes Thermo Scientific Microme EC 350 Operator manual: TISSUEMBEDCENTHERMOMICROM Thermo Scientific Histo Star Operator manual: EMBEDCENTHISTOSTAROPMAN Para Trimmer SOP: EMBEDDINGPROTOCO



9069

Accredited to
ISO 15189:2022

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

Southern Health and Social Care Trust

Issue No:011

Issue date: 18 December 2024

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY TISSUE (cont'd) Paraffin embedded tissue and cytology cell blocks.	<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: Trimming and cutting of tissue sections SOP: SECTIONCUT Biocut 2035, Microm HM325 Leica RM 2125 RTF, RM2125 RTS microtomes Operator manuals: BIOCUT2035OPMAN MICROMHM325OPMAN LEICARTSOPERATORMANUAL Leica HI1210 digitally and thermostatically controlled tissue section floatation water baths. Operator Manuals: LEICAWATERBATHUSERGUIDE Thermo Scientific Slidemate AS Printers Operator manual: SLIDEPRINTERSOPMANUAL



9069

Accredited to
ISO 15189:2022

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

Southern Health and Social Care Trust

Issue No:011

Issue date: 18 December 2024

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
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	Identification of basophilic and acidophilic intra- and extracellular structures	Automated H&E staining Ventana HE600, Sakura Prisma. HE600 stainer and coverslipper Prisma automated H&E stainer and coverslipper. Operator manual PRISMAOPERATORMAN SOP: STAINAUTOSTAIN
Slides prepared in house as above	Morphological assessment and interpretation/diagnosis	Immunohistochemical staining using the following equipment and primary antibodies:
3-4µm paraffin embedded tissue sections	IHC stains for the detection of:	Light microscopy SOP: MICROSCOPEADJUST
	Liver marker	Ventana Benchmark Ultra SOP: IMMUNOSTAIN
	Apoptosis marker	α-1-Fetoprotein
	Lymphoid marker	BCL-2
	Epithelial marker	BCL-6
		Ber EP4



9069

Accredited to
ISO 15189:2022

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

Southern Health and Social Care Trust

Issue No:011

Issue date: 18 December 2024

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
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 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



9069

Accredited to
ISO 15189:2022

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

Southern Health and Social Care Trust

Issue No:011

Issue date: 18 December 2024

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
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 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



9069

Accredited to
ISO 15189:2022

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

Southern Health and Social Care Trust

Issue No:011

Issue date: 18 December 2024

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
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 SOP: IMMUNOSTAIN (cont'd)
	Epithelial marker	CK34BE12
	Gastrointestinal stromal marker	C-KIT
	Mantle cell lymphoma and breast tumour marker	Cyclin D1
	Cytomegalovirus marker	Cytomegalovirus (CMV)
	Pan muscle marker	Desmin
	GI tract stromal tumour marker	DOG 1
	Lymphocyte channel marker	D2-40
	Cell adhesion molecule marker	E-Cadherin
	Epithelial marker	EMA
	Prostate Marker	ERG
	Breast and urothelial marker	GATA 3
	Mesothelial marker	HBME-1
	Lung epithelial marker	HCG
	HER2 amplification marker	HER2
	Hepatocyte marker	Hepatocyte Specific Antigen
	Melanoma marker	HMB45
	Granulosa cell and mucinous epithelial ovarian tumour marker	Inhibin



9069

Accredited to
ISO 15189:2022

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

Southern Health and Social Care Trust

Issue No:011

Issue date: 18 December 2024

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
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 SOP: IMMUNOSTAIN (cont'd)
	Lymphoma marker	KAPPA
	Proliferation marker	Ki67
	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



9069

Accredited to
ISO 15189:2022

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

Southern Health and Social Care Trust

Issue No:011

Issue date: 18 December 2024

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
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 SOP: IMMUNOSTAIN (cont'd)
	Marker of squamous and urothelial cells / tumours and basal/myoepithelial cells	P63
	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



9069

Accredited to
ISO 15189:2022

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

Southern Health and Social Care Trust

Issue No:011

Issue date: 18 December 2024

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
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)	Special stains for the detection of: (cont'd)	Special stains - automated
	Mycobacterium Acid Fast Bacilli	Ventana Benchmark Automated Stainer Operator Manual WS-6DOWNFLOWOPMAN and the following kits:
	Acid Mucins	AFB 3 Kit
	Differential identification acid and neutral mucins	Alcian Blue Kit
	Amyloid	Alcian Blue PAS Kit
	Glycogen	Congo Red Kit
	Elastin Fibres	Diastase Kit
	Fungi and other opportunistic organisms	Elastin Staining Kit
	Iron pigment	GMS 2 Kit
	Acid muco-polysaccharides	Iron Staining Kit
	Glycogen	Mucicarmine Kit
	Reticulin fibres	PAS Kit
	Connective tissue and collagen	Reticulin Staining Kit
		Trichrome Staining Kit



9069

Accredited to
ISO 15189:2022

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

Southern Health and Social Care Trust

Issue No:011

Issue date: 18 December 2024

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<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>



9069

Accredited to
ISO 15189:2022

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

Southern Health and Social Care Trust

Issue No:011

Issue date: 18 December 2024

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<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>



9069

Accredited to
ISO 15189:2022

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

Southern Health and Social Care Trust

Issue No:011

Issue date: 18 December 2024

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Non-gynae body fluid/semi fluid specimens (see above)</p> <p>Protein/blood clots in body fluids and centrifuged deposits</p> <p>Non-gynae cytology cellular slide preparations</p>	<p><u>Non-gynae cytopathological examination activities for the purposes of clinical diagnosis</u></p> <p>Basophilic and acidophilic intra- and extracellular structures</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Removal of red blood cells using Histopaque in the 'Density Gradient Centrifugation Technique' and mucin using Dithiothreitol (DTT) SOP: CYTNGPROCESSING</p> <p>Microflow Class I Operator manual: MICROFLOWCLASS1OPERMAN</p> <p>MSE Harrier 15/80 Centrifuge Operator manual: CENTRIFUGEMSEHARRIER</p> <p>IKA Vibrax Vortexor Operator manual: VORTEXOPERMAN</p> <p>Production of cell blocks for H&E and immunocytochemical staining using Thrombin or agar SOP: CYTNGPROCESSING</p> <p>Microflow Class I Operator manual: MICROFLOWCLASS1OPERMAN</p> <p>MSE Harrier 15/80 Centrifuge Operator manual: CENTRIFUGEMSEHARRIER</p> <p>Automated staining Papanicolaou (PAP) staining technique. SOP: STAINAUTOSTAIN</p>



9069

Accredited to
ISO 15189:2022

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

Southern Health and Social Care Trust

Issue No:011

Issue date: 18 December 2024

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY TISSUE AND FLUIDS (cont'd)	<u>Non-gynae cytopathological 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:
Non-gynae cytology cellular slide preparations (cont'd)	Basophilic and acidophilic intra- and extracellular structures (cont'd)	Sakura Prisma stainer and coverslipper Operator manual: PRISMAOPERATORMAN
Alcohol fixed cellular slide preparations	Basophilic and acidophilic intra- and extracellular structures	Non-automated non-gynae PAP staining SOP : CYTNGPROCESSING WS-6 Downflow Workstation Operator Manual: WS-6DOWNFLOWOPMAN
Non-gynae cytology air fixed cellular slide preparations.		Rapi-diff 11 for rapid differential staining of cellular slide preparations CYTNGPROCESSING
Slides prepared in house as above	Cytological assessment and interpretation/diagnosis	Light microscopy SOP: MICROSCOPEADJUST
END		