


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 9593 Accredited to ISO 15189:2012	Stockport NHS Foundation Trust	
	Issue No: 004 Issue date: 02 September 2024	
	Cellular and Anatomical Pathology Stepping Hill Hospital Poplar Grove Stockport SK2 7JE	Contact: Rachel Rank Tel: +44 (0)161 419 5623 E-Mail: rachel.rank@stockport.nhs.uk Website: www.stockport.nhs.uk
Testing performed at the above address only		

Site activities performed away from the locations listed above:

Location details	Activity
Mortuary Stepping Hill Hospital Poplar Grove Stockport SK2 7JE	Mortuary Services (body receipt, storage and release)
FNA clinic Stepping Hill Hospital Poplar Grove Stockport SK2 7JE	FNA sample collection, staining and sample adequacy check



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY TISSUE	<u>Histopathological examination activities for the purposes of clinical diagnosis</u>	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:
Formalin fixed tissues and Cassettes containing human tissue	Tissue specimen microanalysis, dissection and sampling	Macroanalysis and dissection Manual method using: CP019 Specimen receipt/acceptance HISC0028 Sample preparation and BMS cut up HISC0013 Pathologist Cut Up Decalcification: HISC0004 Manual decalcification
Fresh Tissue	Basophilic and eosinophilic tissue structures	Rapid frozen section: Cryotomy and manual Haematoxylin & Eosin (H&E) staining method using: Leica CM1950 cryostat HISC0009
Histopathology and neuropathology tissue	Processing of tissues	Tissue Processing using the Eprelia Excelsior AS HISC0027, CPC060, CP160 Cell Block and Natural Clot Preparation CY11
	Embedding processed tissues	Embedding using TS Histostar embedding centres HISC0015
	Sectioning and slide production	Microtomy using TS Finesse ME or TS Microm HM355 HISH001, HISH003, HISH004
Formalin fixed, paraffin embedded (FFPE) tissue and frozen tissue	Basophilic and eosinophilic tissue structures	Routine Histology Haematoxylin and Eosin staining using Sakura Tissue Tek Prisma Plus stainer HISH0002 Coverslipping using clearvue coveslipper HISH0002



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HUMAN BODY TISSUE (cont'd) FFPE slides (Formalin fixed paraffin embedded) tissue on glass slides	<u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u> <u>Immunohistochemistry</u> Detection of the following: Pan keratin for epithelial tumours Mantle zone B lymphocytes and interfollicular T lymphocytes Cell membrane glycoproteins in health epithelia and some carcinomas Clacium binding protein structurally related to S100 and Inhibin T lymphocyte marker Germinal centre and T lymphocyte marker Normal, early progenitor lymphoid cells and B lymphocyte/germinal centre marker Hodgkin and Reid Steinberg (lymphomas)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified: Automated methods using: HISI0011, HISI0012 Use of the Benchmark Ultra immunostainer and the following antibodies: AE1/3 BCL2 Berep4 Calret CAM5.2 CAIX CD3 CD5 CD10 CD15



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HUMAN BODY TISSUE (cont'd)	<u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u>	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:
FFPE slides (cont'd) (Formalin fixed paraffin embedded) tissue on glass slides	<u>Immunohistochemistry (cont'd)</u>	
	Detection of the following: (cont'd)	Automated methods using: HISI0011, HISI0012 Use of the Benchmark Ultra immunostainer and the following antibodies:
	Key molecule for B cell activation and growth	CD23 CD30
	Endothelial cells	CD31
	Haemopoietic precursor cells, endothelial cells and fibroblasts	CD34
	Peripheral nerves and neuroendocrine differentiation	CD56
	Normal and neoplastic B lymphocytes	CD79a
	Heparan sulphate proteoglycan syndecan-1	CD138
	Stem cell factor receptor	CD117
	Adenocarcinoma	CDX2
	Adenocarcinoma	CEA
	Neuroendocrine marker	Chromo
	Mesothelioma/adenocarcinoma marker	Ck5/6
	Glandular/transitional epithelia	Ck7



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HUMAN BODY TISSUE (cont'd)	<u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u>	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:
FFPE slides (cont'd) (Formalin fixed paraffin embedded) tissue on glass slides	<u>Immunohistochemistry (cont'd)</u>	
	Detection of the following: (cont'd)	Automated methods using: HISI0011, HISI0012 Use of the Benchmark Ultra immunostainer and the following antibodies:
	Epithelia	Ck19
	GI epithelia	Ck20
		CMV
	Smooth/striated muscle	Desmin
	Transmembrane cell adhesion molecule	E-CAD
	Epithelial membrane antigen	EMA
	T helper cell differentiation	Gata-3
	Erythroid cells	Glyco
	Hepatocellular carcinoma	Glypican-3
		HSA
		h-caldesmon
	Melanoma marker	HMB45
	Sertoli cells	Inhibin
	Proliferation marker	Ki67
	B cell lineage	L26
	T and B lymphocytes	LCA



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HUMAN BODY TISSUE (cont'd)	<u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u>	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:
FFPE slides (cont'd) (Formalin fixed paraffin embedded) tissue on glass slides	<u>Immunohistochemistry (cont'd)</u>	
	Detection of the following: (cont'd)	Automated methods using: HISI0011, HISI0012 Use of the Benchmark Ultra immunostainer and the following antibodies:
	Macrophages, monocytes, granulocytes	Mac68
	Melanomas	Melan A
		MLH1
	Epithelial specific antigen	Moc-31
	Cytokeratin marker	MNF116
		MSH2
		MSH6
	Type two pneumocytes	Nap
		OCT-4
	Hormonal receptor	Oes
	Normal, neoplastic and activated melanocytes	P16
	Tumour suppressor protein	P53
	Normal proliferating cells	P63
	Melanomas	Pan-M
	Prostatic tumours	Papa
		Pax-8
		PDS prostate dual stain
	Germ cell tumours	Plap
		PMS2
	Hormonal receptor	PR
	Prostate specific antigen	PSA
	Prostatic adenocarcinoma	Race



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HUMAN BODY TISSUE (cont'd) FFPE slides (cont'd) (Formalin fixed paraffin embedded) tissue on glass slides	<u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u> <u>Immunohistochemistry (cont'd)</u> Detection of the following: (cont'd) Normal and neoplastic melanocytes Smooth muscle Neuroendocrine tumours Thyroid transcription factor Vimentin intermediate filament Adenocarcinoma/ Mesothelioma <u>Special Staining</u> Detection of the following: Mucins Mucins Amyloid Mucins Gram positive and negative organisms Fungal elements	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified: Automated methods using: HISI0011, HISI0012 Use of the Benchmark Ultra immunostainer and the following antibodies: S100 SATB2 SMA SOX10 Syn TTF-1 Vim WT -1 Manual in-house procedure HISH0031 in conjunction with manufacturer's instructions for the following methods and special stains: Alcian Blue Alcian Blue/PAS Congo Red Diastase Gram stain Grocott



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HUMAN BODY TISSUE (cont'd) FFPE slides (cont'd) (Formalin fixed paraffin embedded) tissue on glass slides	<u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u> <u>Special Staining (cont'd)</u> Detection of the following: (cont'd) Cellular structure Melanin and lipofuscins Collagen and smooth muscle Melanin H Pylori Fatty tissue Hep B surface antigen Mucin Iron pigment Reticulin Reticulin Reticulin/Elastic fibres Mast cells Connective tissues Elastic fibres Calcium	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified: Manual in-house procedure HISH0031 in conjunction with manufacturer's instructions for the following methods and special stains: Haematoxylin and Eosin Masson Fontana Masson Trichrome Melanin bleach Modified Giemsa Oil red O Orcein Periodic Acid - Schiff (P.A.S.) Perl's Gomori's method for Reticulin (toned) Gomori's method for Reticulin (Untoned) Reticulin/Van Gieson Toluidine Blue Van Gieson Millers (EVG) Von Kossa



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<p>HUMAN BODY TISSUE (cont'd)</p> <p>FFPE slides (cont'd) (Formalin fixed paraffin embedded) tissue on glass slides</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u></p> <p><u>Special Staining (cont'd)</u></p> <p>Detection of the following: (cont'd)</p> <p>Spirochetes</p> <p>Tuberculosis</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Manual in-house procedure HISH0031 in conjunction with manufacturer's instructions for the following methods and special stains:</p> <p>Warthin-Starry</p> <p>Ziehl-Neelsen</p> <p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p>
<p>Fluids and Fine needle aspirates (FNAS)</p>	<p>Diagnostic Cytology examination activities for the purposes of clinical diagnosis</p> <p>Diagnostic Non-gynae cytology examination activities for the purposes of clinical diagnosis</p>	<p>One stop FNA clinic attendance CY1 and CY5 (HaemaGurr staining) Sample preparation using WA-PATH F2 CY3.24 Systemic Cytology Preparation Procedures WA-PATH F2 HS3.24 Non-Gynae Cytology Preparation Procedures Using Cytospin, Genesis</p>
<p>Body fluids/Fine needle aspirations, urines and bronchial/sputum samples</p>	<p>Preparation and screening to identify or exclude cytological abnormalities for the purpose of diagnosis</p>	<p>Non-Gynae Specimen Receipt, Preparation and Workflow using TS excelsior tissue processors Specimen processing using Thinprep methodology and Genesis processor CY7</p>



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HUMAN BODY TISSUE (cont'd) Air dried slides, fixed slides and Thinprep slides Stained slides made using processes above	Staining for the purposes of Cell Differentiation Examination of tissue sections in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified: Automated staining: Leica Autostainer XL for Papanicolaou and Romanowsky stains CY5 Interpretive/diagnostic microscopy using light microscopes DOC7
END		