


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 UKAS MEDICAL 9593 Accredited to ISO 15189:2012	Stockport NHS Foundation Trust	
	Issue No: 001 Issue date: 23 June 2020	
	Cellular and Anatomical Pathology Stepping Hill Hospital Poplar Grove Stockport SK2 7JE	Contact: David May Tel: +44 (0)161 419 5623 E-Mail: david.may@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 TS Excelsior and Excelsior AS HISC007, HISC024, HISC025, HISC026 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 Gemini AS H&E automated stainer Coverslipping using clearvue coveslipper HISH0002



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<p>HUMAN BODY TISSUE (cont'd)</p> <p>FFPE slides (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>Immunohistochemistry</u></p> <p>Detection of the following:</p> <p>Pan keratin for epithelial tumours</p> <p>Mantle zone B lymphocytes and interfollicular T lymphocytes</p> <p>Germinal centre B lymphocytes</p> <p>Cell membrane glycoproteins in health epithelia and some carcinomas</p> <p>Clacium binding protein structurally related to S100 and Inhibin</p> <p>T lymphocyte marker</p> <p>Germinal centre and T lymphocyte marker</p> <p>Normal, early proginitor lymphoid cells and B lymphocyte/germinal centre marker</p> <p>Hodgkin and Reid Steinberg (lymphomas)</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Automated methods using: HISI0011, HISI0012 Use of the Benchmark Ultra immunostainer and the following antibodies:</p> <p>AE1</p> <p>BCL2</p> <p>BCL6</p> <p>Berep4</p> <p>Calret</p> <p>CD3</p> <p>CD5</p> <p>CD10</p> <p>CD15</p>



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



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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
	Mantle cell lymphoma	Cyclin
	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
	Human Chorionic Gonadotrophin	HCG
	Melanoma marker	HMB45
	Sertoli cells	Inhibin
	Plasma cells	Kap
	Proliferation marker	Ki67
	B cell lineage	L26
	Plasma cells	Lam
	T and B lymphocytes	LCA



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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) Macrophages, monocytes, granulocytes Melanomas Epithelial specific antigen Cytokeratin marker Myeloid lineage Smooth muscle Type two pneumocytes Hormonal receptor Normal, neoplastic and activated melanocytes Tumour suppressor protein Normal proliferating cells Melanomas Prostatic tumours Germ cell tumours Hormonal receptor Prostate specific antigen Prostatic adenocarcinoma	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: Mac68 Mel Moc-31 MNF116 Mye Myos Nap Oes P16 P53 P63 Pan-M Papa Plap PR PSA Race



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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>Immunohistochemistry (cont'd)</u></p> <p>Detection of the following: (cont'd)</p> <p>Normal and neoplastic melanocytes</p> <p>Smooth muscle</p> <p>Neuroendocrine tumours</p> <p>Thyroid tumours</p> <p>Thyroid transcription factor</p> <p>Vimentin intermediate filament</p> <p>Adenocarcinoma/ Mesothelioma</p> <p><u>Special Staining</u></p> <p>Detection of the following:</p> <p>Mucins</p> <p>Mucins</p> <p>Amyloid</p> <p>Mucins</p> <p>Gram positive and negative organisms</p> <p>Argyrophil cells</p> <p>Fungal elements</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Automated methods using: HISI0011, HISI0012 Use of the Benchmark Ultra immunostainer and the following antibodies:</p> <p>S100</p> <p>SMA</p> <p>Syn</p> <p>Thy</p> <p>TTF-1</p> <p>Vim</p> <p>WTF-1</p> <p>Manual in-house procedure HISH0031 in conjunction with manufacturer's instructions for the following methods and special stains:</p> <p>Alcian Blue</p> <p>Alcian Blue/PAS</p> <p>Congo Red</p> <p>Diastase</p> <p>Gram stain</p> <p>Grimelius</p> <p>Grocott</p>



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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>Cellular structure</p> <p>Melanin and lipofuscins</p> <p>Collagen and smooth muscle</p> <p>Melanin</p> <p>H Pylori</p> <p>Fatty tissue</p> <p>Hep B surface antigen</p> <p>Mucin</p> <p>Iron pigment</p> <p>Reticulin</p> <p>Reticulin</p> <p>Reticulin/Elastic fibres</p> <p>Acid mucins</p> <p>Mast cells</p> <p>Connective tissues</p> <p>Elastic fibres</p> <p>Calcium</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>Haematoxylin and Eosin</p> <p>Masson Fontana</p> <p>Masson Trichrome</p> <p>Melanin bleach</p> <p>Modified Giemsa</p> <p>Oil red O</p> <p>Orcein</p> <p>Periodic Acid - Schiff (P.A.S.)</p> <p>Perl's</p> <p>Gomori's method for Reticulin (toned)</p> <p>Gomori's method for Reticulin (Untoned)</p> <p>Reticulin/Van Gieson</p> <p>Southgate's mucicarmine</p> <p>Toluidine Blue</p> <p>Van Gieson</p> <p>Millers (EVG)</p> <p>Von Kossa</p>



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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, Hologic T2000</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 HISC007, HISC024, HISC025, HISC026 Specimen processing using Thinprep methodology and Hologic T2000 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 coverslipper CV5030 for Papanicolaou and May Grunwald Giemsa stains CYPSP0035 Interpretive/diagnostic microscopy using Nikon light microscopes DOC7
END		