


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	Cambridge University Hospitals NHS Foundation Trust	
	Issue No: 009 Issue date: 02 April 2025	
	Histopathology CUHFT Box 235 Addenbrookes Hospital Hills Road Cambridge CB2 0QQ	Contact: Zahrah Rosun Tel: +44 (0)1223 256100 Fax: +44 (0)1223 216980 E-Mail: zahrah.rosun@nhs.net Website: https://www.cuh.nhs.uk/services/histopathology-and-cytology
Testing performed by the Organisation at the locations specified below		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
Address Histopathology Box 235 Addenbrookes Hospital Hills Road Cambridge CB2 0QQ Local contact Zahrah Rosun	Histopathology Neuropathology Non-gynae cytology Microtomy Immunohistochemistry Electron microscopy	ADDHIS
Address MOHS Clinic Addenbrookes's Out Patients Department Addenbrookes Hospital Hills Road Cambridge CB2 0QQ Local contact Zahrah Rosun	Frozen sections	MOHS

Site activities performed away from the locations listed above:

Location details	Activity	Location code
Address Histopathology Store Room, Level 1 Addenbrookes Hospital Hills Road Cambridge CB2 0QQ Local contact Zahrah Rosun	Storage of Specimens only	N/A



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY TISSUE	<u>Histopathological examination activities for the purposes of clinical diagnosis</u>	Documented in-house procedures	
Fresh and Fixed tissue	Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis	In House documented methods for staining and examination, all supported by SOPs and where relevant, manufacturer's instructions for the following methods where relevant): <u>Specimen Dissection</u> Exakt Diamond Band Saw Thermo printmate cassette printer Balance VWR Ohaus ADD.HIS 2181 ADD.HIS 5604 ADD.HIS 5605	ADDHIS ADDHIS
Fixed and fresh tissue, excisional and incisional biopsies and surgical resection specimens		<u>Tissue Processing</u> Sakura VIP ADD.HIS 5603	ADDHIS
Formalin fixed calcified tissue		<u>Decalcification</u> Raymond Lamb incubator ADD.HIS 5642	ADDHIS
Formalin fixed tissue samples as above		<u>Embedding</u> Leica Histocore Embedding centre ThermoFisher Scientific Paratrimmer Thermo Histostar Embedding Centre Leica EG1150 Embedding Centre Heated Forceps ADD.HIS 5572	ADDHIS



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HUMAN BODY TISSUE (cont'd)	<u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)	Documented in-house procedures	
Paraffin wax embedded tissue as above		<u>Microtomy</u> Leica RM2245 Rotary microtome Leica Histocore Multicut microtome Floatation baths ADD.HIS 5633	ADDHIS
Formalin fixed BMT tissue		<u>Decalcification</u> Menarini Bone stations ADD.HIS 5722	ADDHIS
	Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis	In House documented methods for staining and examination, all supported by SOPs and where relevant,, manufacturer's instructions for cutting up, processing, embedding, sectioning, staining, microscopic assessment and pathologist reporting:	ADDHIS
Formalin fixed paraffin-embedded tissue (FFPE)	Routine Staining For the demonstration of basophilic and eosinophilic structures	<u>Haematoxylin and Eosin Staining</u> Automated and manual Leica Spectra workstation Thermo and Cellpath slide drying oven ADD.HIS ADD.HIS 10868	ADDHIS
Fresh tissue	Handling and preparation of fresh and frozen tissue for intra-operative diagnosis	<u>Cryotomy</u> Specimen preparation and dissection Leica CM1950UV Cryostat Monmouth class 1 microbiology safety cabinet ADD.HIS 32166	ADDHIS



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HUMAN BODY TISSUE (cont'd)	<u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)	Documented in-house procedures	
Frozen sections	Routine Staining of frozen sections for the demonstration of basophilic and eosinophilic structures	<u>Haematoxylin and Eosin Staining</u> Automated staining on Thermo Lini-stainer ADD.HIS.32166	ADDHIS
	Lipid	Oil Red O ADD.HIS 31724	
FFPE	<u>Special stains for the detection of:</u>	<u>Special Stains</u> Documented in-house manual procedures using stains as indicated:	ADDHIS
	Acid Mucins	Alcian Blue ADD.HIS 31709	
	Acid and neutral mucins	Alcian Blue Periodic Acid – Schiff with/ without Diastase ADD.HIS 5962	
	Acid Mucins	Alcian Blue with Hyaluronidase digestion ADD.HIS 32340	
	Calcium	Alizarin Red S ADD.HIS 32179	
	Esterase activity	Chloroacetate Esterase ADD.HIS 31755	
	Amyloid	Congo Red ADD.HIS 31756	
	Elastin	Elastic Picro Sirius Red ADD.HIS5924	
	Bile pigments	Fouchet ADD.HIS 31760	
	Helicobacter Pylori	Giemsa ADD.HIS 31712	



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HUMAN BODY TISSUE (cont'd)	<u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)	Documented in-house procedures	ADDHIS
FFPE (cont'd)	<u>Special stains for the detection of:</u> (cont'd)	<u>Special Stains</u> Documented in-house manual procedures using stains as indicated:	
	Haemopoetic cells	Giemsa ADD.HIS 31761	
	Bacteria	Gram ADD.HIS 5875	
	Bacteria	Gram Twort ADD. HIS 5875	
	Fungi	Grocott ADD.HIS 31713	
	Collagen	Haematoxylin Ponceau S and Haematoxylin van Gieson ADD.HIS 5924	
	Muscle striations Skeletal and cardiac)	Mallory's Phosphotungstic Acid-Haematoxylin ADD.HIS 31773	
	Fibrin, connective tissue	Martius Scarlet Blue ADD.HIS 31722	
	Melanin	Masson Hamperl ADD.HIS 31715	
	Connective tissue	Masson's Trichrome ADD.HIS 31723	
	Elastin	Miller's Elastic Stain - Ponceau S or van Gieson ADD.HIS 5862	
	Spirochetes	Modified Steiner ADD.HIS 31730	



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HUMAN BODY TISSUE (cont'd)	<u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)	Documented in-house procedures	ADDHIS
FFPE (cont'd)	<u>Special stains for the detection of:</u> (cont'd)	<u>Special Stains</u> Documented in-house manual procedures using stains as indicated:	
	Acid Fast Bacilli (e.g atypical Mycobacterium tuberculosis)	Modified Ziehl Neelsen ADD.HIS 5874	
	Acid mucins	Mucicarmine ADD.HIS 31733	
	Glomerular basement membrane	Periodic Acid (Jones' Hexamine) Silver ADD.HIS 31729	
	Neutral mucins, polysaccharides including glycogen	Periodic Acid Schiff (PAS) using automated Gemini methods and Leica Spectra ADD.HIS 5962 ADD.HIS 10868	
	Acid and neutral mucins, polysaccharides including glycogen	Periodic acid-Schiff (PAS) with Diastase using automated Gemini methods ADD.HIS 5962	
	Ferric iron	Perls ADD.HIS 31758	
	Collagen	Picro-sirius red ADD.HIS 5924	
	Reticulin fibres	Reticulin ADD.HIS 31716	
	Copper	Rhodanine ADD.HIS 31728	
	Elastin, copper associated protein and hepatitis B antigen infected cells	Shikata's Orcein ADD.HIS 31719	
	Amyloid	Sirius Red ADD.HIS 32226	



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HUMAN BODY TISSUE (cont'd)	<u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)	Documented in-house procedures	ADDHIS
FFPE (cont'd)	<u>Special stains for the detection of:</u> (cont'd)	<u>Special Stains</u> Documented in-house manual procedures using stains as indicated:	
	Mast cells	Toluidine Blue ADD.HIS 31732	
	Elastin, copper associated protein and hepatitis B antigen infected cells	Victoria Blue ADD.HIS 32329	
	Calcium salts	Von Kossa ADD.HIS 31734	ADDHIS
	Acid Fast Bacilli e.g Mycobacterium tuberculosis)	Ziehl Neelsen ADD.HIS 5874	
Paraffin wax tissue sections	<u>Immunohistochemistry to detect the following</u>	Documented in-house methods used in accordance with manufacturers (Leica's operating instructions for the use of Bond III automated immunostainers) and Roche operating instructions for the Benchmark Ultra ADD.HIS.5678 ADD.HIS.32357 ADD.HIS 6061 ADD.HIS 6027 Incorporating the following antibodies:	
	Identification of hepatocytes in alpha-1 antitrypsin	Alpha-1-antitrypsin	
	Pituitary tumours	Adrenocorticotropin (ACTH)	
	Smooth muscle actin	Actin	
	Anaplastic large cell lymphomas ALCL) that are ALK positive	ALK-1 (CD246)	



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HUMAN BODY TISSUE (cont'd)	<u>Histopathology</u> (cont'd) <u>Immunohistochemistry to detect the following</u> (cont'd) Anaplastic lymphomas kinase (ALK protein) non-small cell lung carcinoma (NSCLC) Amyloid Differential diagnosis of selected tumours of soft tissue, gastrointestinal tract, the pancreas, lung and female genital tract Follicular lymphomas and various diffuse lymphoproliferative disease Classification of B cell lymphomas Adenocarcinoma Detection of BRAF V600E mutation Marker for antibody mediated acute renal allograft rejection Clear cell Renal cell carcinoma Detection of CA125 Ovarian cancer antigen) Calcitonin producing C cells, medullary thyroid carcinoma Myoepithelial cells, smooth muscle, leiomyosarcoma Mesothelial cells, malignant mesothelioma Dendritic cells, cortical thymocytes, langerhan cells and dermal dendrocytes	Documented in-house procedures ALK Lung (D5F3) Amyloid A β Catenin BCL-2 (Oncoprotein) BCL-6 Ber-EP4 (Epithelial Antigen) BRAF C4d Carbonic Anhydrase IX CA125 Calcitonin Calponin (Basic) Calretinin CD1a	ADDHIS



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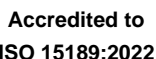
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HUMAN BODY TISSUE (cont'd)	<u>Histopathology</u> (cont'd)	Documented in-house procedures	ADDHIS
	<u>Immunohistochemistry to detect the following</u> (cont'd)		
	Characterization of T cell disorders	CD2	
	T cell marker in lymphoproliferative disorders	CD3	
	Thymocytes and T-helper cells, Anaplastic large cell lymphomas, mycosis fungoides and unspecified peripheral T-cells lymphoma	CD4	
	Diagnosis of lymphoma, T cells, subset of B cells in mantle zone	CD5	
	Classification of tumours of T-cell origin	CD7	
	T-cells, cytotoxic, suppressor	CD8	
	Lymphomas	CD10	
	Reed Sternberg cell, Hodgkin's lymphoma	CD15	
	B cell marker, lymphoma	CD20	
	Mature B cells, follicular dendritic cells, lymphoma	CD21	
	Sub population of B cells, follicular dendritic cells, lymphoma	CD23	
	Reed-Sternberg cells and identification of anaplastic large cell lymphoma	CD30	
	Endothelial cells	CD31	
	Endothelial marker	CD34	
	Low grade B cell lymphomas and myeloid disease	CD43	



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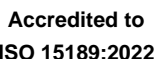
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HUMAN BODY TISSUE (cont'd)	<p><u>Histopathology</u> (cont'd)</p> <p><u>Immunohistochemistry to detect the following</u> (cont'd)</p> <p>Squamous epithelia and basal cells, distinction between undifferentiated squamous cell carcinoma and adenocarcinoma, epithelioid mesothelioma and lung carcinoma and differential diagnosis of atypical proliferations of breast</p> <p>Glandular and transitional epithelial cells, identification of adenocarcinoma of the lung, breast, endometrium, thyroid, ovary, transitional cells urothelial) carcinoma and chromophobe renal cell carcinoma</p> <p>Glandular and transitional epithelial cells. Identification of adenocarcinoma and squamous cell carcinoma</p> <p>Squamous basal cell epithelia, myoepithelial of breast and parotid gland, mesothelium of umbilical cord and Hassall's corpuscles of thymus</p> <p>Squamous basal cell epithelia of larynx and prostate, myoepithelial cells of salivary gland, sebaceous glands and hair follicles, Squamous cell carcinoma, Hassalls corpuscles and epithelial cells of thymus</p> <p>Epithelial tumours and cholangiocellular carcinomas</p> <p>Urothelium, intestinal epithelium and Merkel cells</p> <p>Epithelial cell marker</p>	<p>Documented in-house procedures</p> <p>CK5/6</p> <p>CK7</p> <p>CK8/18</p> <p>CK14</p> <p>CK17</p> <p>CK19</p> <p>CK20</p> <p>CK AE1/3</p>	ADDHIS



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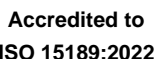
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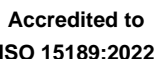
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HUMAN BODY TISSUE (cont'd)	<p>Histopathology (cont'd)</p> <p><u>Immunohistochemistry to detect the following (cont'd)</u></p> <p>Evaluation of glomerular diseases, detection of plasma cells and related lymphoid cells containing IgM; classification of patients with B-cell neoplasia; distinguishing neoplastic monoclonal proliferation from reactive hyperplasia of plasma cells</p> <p>Detection of Plasma cells and related lymphoid cells containing kappa light chains</p> <p>Detection of Plasma cells and related lymphoid cells containing kappa light chains</p> <p>Pituitary tumours</p> <p>Detection of Mast cells</p> <p>Melanocytes; melanomas, adrenocortical carcinomas and angiomyolipomas</p> <p>Demonstration of the Ki-67 antigen; classification of a variety of tumours</p> <p>Diagnosis of melanoma and other melanogenic tumours; diagnosis of perivascular epithelioid cell tumours including angiomyolipoma</p> <p>Classification of tumours of the intestinal tract; Identification of Lynch Syndrome</p> <p>Differentiation between adenocarcinoma and reactive mesothelial cells</p>	<p>Documented in-house procedures</p> <p>IgM (Monoclonal)</p> <p>Kappa</p> <p>Lambda</p> <p>LH</p> <p>MCT</p> <p>Melan-A</p> <p>MIB1</p> <p>MITF</p> <p>MLH1</p> <p>MOC31</p>	ADDHIS



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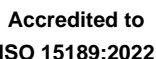
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HUMAN BODY TISSUE (cont'd)	<p><u>Histopathology</u> (cont'd)</p> <p><u>Immunohistochemistry to detect the following</u> (cont'd)</p> <p>p53 expression in a variety of carcinomas</p> <p>Assessment of p63 protein expression; basal cells in the epithelium of prostate; detection myoepithelial cells of the breast and parotid gland</p> <p>Identification of malignancies of B cell origin</p> <p>Qualitative detection of the programmed death ligand 1 (PD-L1) protein in formalin-fixed, paraffin-embedded (FFPE) non-small cell lung cancer (NSCLC)</p> <p>Neurons and neuroendocrine cells</p> <p>Seminomas and desmoplastic small round cell tumours; identification of germ cell tumours</p> <p>Intestinal tract tumours, Identification of Lynch Syndrome</p> <p>Pituitary tumours</p> <p>Progesterone receptor, breast, cervical and endometrial carcinomas; management, prognosis and prediction of outcome of breast cancer</p> <p>Glandular epithelium of the prostate</p> <p>Prostate glandular epithelium, prostatic carcinoma</p>	<p>Documented in-house procedures</p> <p>P53</p> <p>P63</p> <p>PAX5</p> <p>PD-L1 (SP263)</p> <p>PGP 9.5</p> <p>PLAP</p> <p>PMS2</p> <p>Prolactin</p> <p>Progesterone</p> <p>PSA</p> <p>PSAP</p>	ADDHIS



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HUMAN BODY TISSUE (cont'd)	<u>Histopathology</u> (cont'd)	Documented in-house procedures	ADDHIS
	<u>Immunohistochemistry to detect the following</u> (cont'd)		
	<u>HER2 ICC</u>		
Sections of paraffin wax embedded breast and GI tract tissue	Her2 positive cells in breast and gastric neoplastic tissue	Documented in-house method incorporating 4B5 antibodies used in accordance with manufacturers operating instructions for the Ventana Benchmark Ultra ADD.HIS 6061ADD.HIS 6027	ADDHIS
Slides prepared in house as above	<u>Morphological assessment and interpretation/diagnosis</u>	<u>Qualitative Microscopy</u> Leica microscopy with screen ADD.HIS 32357	ADDHIS
	<u>HER2 FISH</u>		
Sections of paraffin wax embedded breast and GI tract tissue	Her2 positive cells in breast and gastric neoplastic tissue	Documented in house methods incorporating thermo-Brite and Abbott molecular Path vision DNA Probe kit II ADD.HIS 6027	ADDHIS
Slides prepared in house as above	Reading and interpretation of slides	<u>Qualitative Microscopy</u> Various microscopes including Leitz, Olympus and Nikon Voice recognition software ADD.HIS 32375	ADDHIS
Fresh Skin and tonsil biopsies		<u>Specimen receipt</u> VWR Rocking platform ADD.HIS 32567	ADDHIS
Frozen Skin and tonsil biopsies	Handling and preparation of frozen tissue for immunofluorescence	<u>Cryotomy</u> <u>Preparation and dissection for immunofluorescence</u> Cryostat Leica CM1950 ADD.HIS 32567	ADDHIS



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HUMAN BODY TISSUE (cont'd)	<u>Histopathology</u> (cont'd)		
Frozen sections	<u>Immunohistochemistry to detect the following:</u>	Documented in-house methods incorporating the following FITC labelled antibodies used in accordance with manufacturers operating instructions for the Ventana Benchmark Ultra ADD.HIS 32567	ADDHIS
	Gamma Chains	IgG fluorescein isothiocyanate	
	Alpha Chains	IgA fluorescein isothiocyanate	
	M chains	IgM fluorescein isothiocyanate	
	C3c fragment of complement,	C3 fluorescein isothiocyanate	
Slides prepared in house as above	<u>Morphological assessment and interpretation/diagnosis</u>	<u>Qualitative Microscopy</u> Fluorescent Microscopy Olympus (Model BX63) for viewing immunofluorescence under UV light ADD.HIS 31855	ADDHIS
	<u>Neuropathological examination activities for the purposes of clinical diagnosis of neuropathological diseases of the brain and nerve</u>	Documented in-house procedures as indicated.	ADDHIS
Fresh, Fixed tissue		<u>Specimen Dissection</u> AFOS down flow table Labcaire C1 special microbiology cabinet for fresh tissue Dissection microscope GX stereo Raymond Lamb Oven ADD.HIS 32477 ADD.HIS 31876 ADD.HIS 31923 ADD.HIS 6303	ADDHIS



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HUMAN BODY TISSUE (cont'd)	<u>Histopathology</u> (cont'd)		
	<u>Neuropathological examination activities for the purposes of clinical diagnosis of neuropathological diseases of the brain and nerve</u> (cont'd)	Documented in-house procedures as indicated.	ADDHIS
Formalin fixed tissue		<u>Processing</u> Tissue Tek VIP processor ADD.HIS 2152	ADDHIS
Formalin fixed tissue		<u>Embedding</u> Leica Histocore ThermoFisher Scientific Paratrimmer Heated Forceps ADD.HIS 32477	ADDHIS
Formalin fixed wax embedded tissue samples		<u>Microtomy</u> Leica Histocore Multicut Floatation baths ADD.HIS 32477	ADDHIS
Frozen tissue	Handling and preparation of brain and nerve tissue for frozen section	<u>Cryotomy</u> Preparation and dissection of brain and nerve tissue Leica CM3050SUV Cryostat ADD.HIS. 10287ADD.HIS 31876	ADDHIS
Paraffin wax sections	<u>Routine Staining</u> <u>For the demonstration of basophilic and eosinophilic structures</u>	<u>Haematoxylin and Eosin Staining</u> Automated Leica spectra workstation ADD.HIS.10868	ADDHIS
	<u>Special stains for brain and nerve to detect the following:</u>	Documented methods using stains as indicated	ADDHIS
Brain smears	General Metachromatic stain for cellular features	Preparation of Neuropath smear and Toluidine Blue ADD.HIS 10287	
Fresh, Fixed and Frozen tissue sections	Myelin	Luxol Fast Blue with Cresyl Fast Violet ADD.HIS 31916	



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Paraffin wax sections	<u>Immunohistochemistry for brain to detect the following:</u> Amyloid Amyloid Glial fibrillary Plaques and tangles	Documented in-house manual procedures using antibodies as indicated. ADD.HIS 31915 BA4 BAPP GFAP TAU (AT8)	ADDHIS
	<u>Histopathological examination activities for the purposes of clinical diagnosis of muscle diseases:</u>	Documented in-house procedures using stains as indicated.	ADDHIS
Fresh muscle tissue	Handling and preparation of muscle tissue for frozen section	<u>Specimen Dissection and Preparation</u> Cryostat Leica CM3050S ADD.HIS 31918	ADDHIS
Frozen sections	<u>Special stains for the detection of:</u>	Documented methods using stains as indicated:	ADDHIS
	Lysosomes in muscle	Acid phosphatase ADD.HIS 31904	
	Mitochondrial complexes	Cytochrome oxidase ADD.HIS 31908	
	Mitochondrial complexes, Muscle structure	Gomori's Trichrome ADD.HIS 31911	
	Nuclei and other cell components	Haematoxylin and Eosin ADD.HIS 31912	
	Type 1 fibres	NADH Diaphorase ADD.HIS 31922	
	Lipids	Oil red O ADD.HIS 31924	
	Glycogen	Periodic acid Schiff ADD.HIS 31926	
	SDH activity	Succinic Dehydrogenase ADD.HIS 31930	



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY TISSUE (cont'd)	<u>Histopathology</u> (cont'd)		
Frozen sections	<u>Immunohistochemistry for muscle to detect the following:</u> HLA class 1 complex Muscle fibre type Muscle fibre type <u>Diagnostic Electron Microscopy</u> Examination of cellular material in order to identify or exclude morphological and cytological abnormalities	Documented in-house manual procedures using antibodies as indicated. ADD.HIS 31915 HLAABC Myosin slow Myosin fast	ADDHIS
Renal and nerve biopsies		<u>Tissue Processing</u> Astec monair plus fume cabinet Sartorius balance pH meter TAAB oven ADD.HIS 5605 ADD.HIS 31677	ADDHIS
Formalin and glutaraldehyde fixed tissue samples		<u>Microtomy</u> Leica EMUC7 Ultra microtome Leica KMR3 glass knife maker Hot plate ADD.HIS 2855	ADDHIS
Formalin and glutaraldehyde fixed tissue samples		<u>Special Stain for EM</u>	ADDHIS
Semi-thins	Organelles	Methylene Blue ADD.HIS 31684	
Ultra-thins	Organelles	Uranyl Acetate ADD.HIS 31684	
	Organelles	Lead Citrate ADD.HIS 31684	



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<p>HUMAN BODY TISSUE (cont'd)</p> <p>Formalin and Glutareldehyde Fixed Resin Embedded Tissue samples prepared as above</p>	<p><u>Histopathology (cont'd)</u></p> <p><u>Morphological assessment and interpretation</u></p> <p>Demonstration of ultrastructural components of renal, muscle, nerve and other tissues. Production of micrographs suitable for diagnostic use</p>	<p>Documented in-house procedures</p> <p><u>Electron microscopy</u> Taking Diagnostic EM photographs, using documented in-house procedures in conjunction with manufacturer's instructions using Hitachi H7650 ADD.HIS 6367</p>	ADDHIS
<p>HUMAN BODY FLUIDS</p> <p>Body fluid Including: Serous effusions Cyst fluids Urine including urinary tract washings) Joint fluid Fine needle aspiration, EUS or EBUS Bronchial specimens including sputum, washings, brushings and lavages) CSF Eye fluid GI tract brushings</p>	<p><u>Cytopathology (Non-Gynae) examination activities for the purposes of clinical diagnosis</u></p> <p>Examination of cellular material in order to identify or exclude morphological and cytological abnormalities</p> <p>Routine Staining For the demonstration of basophilic, eosinophilic and cynophilic structures for the differentiation of cell types and cytological abnormalities</p>	<p>In House documented methods for staining and examination, all supported by SOPs and where relevant, manufacturer's instructions for centrifuge and cytopspin, and staining and coverslip.</p> <p><u>Specimen preparation</u> Sigma 316-P centrifuge Shandon cytopspin 3 ADD.HIS 32252 ADD.HIS 32269 ADD.HIS 31984 ADD.HIS 31968</p> <p><u>Staining of cell preparations</u> Pap and Quick-Diff Gemini autostainer ADD.HIS 31977 ADD.HIS.31985</p>	<p>ADDHIS</p> <p>ADDHIS</p> <p>ADDHIS</p> <p>ADDHIS</p>



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HUMAN BODY FLUIDS (cont'd)	<u>Cytopathology (Non-Gynae)</u> (cont'd)	Documented in-house procedures	
Slides prepared in house as above	<u>Morphological assessment and interpretation/diagnosis</u>	<u>Qualitative microscopy</u> Various microscopes including Nikon, Olympus, Leica ADD.HIS 31981 ADD.HIS 32261 ADD.HIS 206	ADDHIS
Joint fluids synovial fluids)	Assessment of birefringent crystals of monosodium urate and calcium pyrophosphate crystals	<u>Microscopic examination:</u> Olympus BX45 microscope with polarising filters ADD.HIS 31981	ADDHIS
	<u>Special Staining to identify or exclude morphological and cytological abnormalities:</u>	Documented in-house procedures using stains as indicated:	ADDHIS
	Pneumocysti Carnii, fungi	Grocott ADD.HID 31713	
	Lipids	Oil red O ADD.HIS 31724	
	Iron	Perls ADD.HIS 31758	
Slides prepared in house as above for Non-gynae samples list above	<u>Morphological assessment and interpretation/diagnosis</u>	<u>Qualitative Microscopy</u> ADD.HIS 32261 ADD.HIS 31981	ADDHIS
	<u>Histopathological examination activities for the purposes of clinical diagnosis of MOHS'</u>	In House documented methods for staining and examination, all supported by SOPs and where relevant, manufacturer's instructions for sectioning and staining of frozen sections and pathologist reporting	MOHS
Frozen skin tissue	Examination of cellular material in order to identify or exclude morphological and cytological abnormalities	<u>Cryotomy/frozen sections</u> Leica cryostat ADD.HIS 5702	MOHS



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Cytopathology (Non-Gynae)</u> (cont'd)	Documented in-house procedures	MOHS
	<u>Histopathological examination activities for the purposes of clinical diagnosis of MOHS'</u> (cont'd)	In House documented methods for staining and examination, all supported by SOPs and where relevant, manufacturer's instructions for sectioning and staining of frozen sections and pathologist reporting	
Frozen skin tissue	Routine Staining For the demonstration of basophilic and eosinophilic structures	<u>Routine Haematoxylin and Eosin staining</u> Linistainer ADD.HIS 5702	MOHS
Slides prepared in house as above	<u>Morphological assessment and interpretation/diagnosis</u>	<u>Qualitative Microscopy</u> Olympus Microscope ADD.HIS 5702	ADDHIS
END			