


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL 9706</p> <p>Accredited to ISO 15189:2012</p>	<h3>HSL (Analytics) LLP</h3> <p>Issue No: 009 Issue date: 09 August 2023</p>	
	<p>HSL (Analytics) LLP The Halo Building 1 Mabledon Place London WC1H 9AX United Kingdom</p>	<p>Contact: Jacqueline Sutherland Tel: +44 (0) 207 307 7342 E-Mail: jacqueline.sutherland@hslpathology.com Website: www.hslpathology.com</p>
<p>Testing performed by the Organisation at the locations specified below</p>		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details		Activity	Location code
Address	Local contact		
Cellular Pathology Department 4 th Floor 60 Whitfield Street London W1T 4EU	Daniel Simmons	Histopathology Cytopathology (Non-Gynae)	A
Cellular Pathology Department Royal Free Hospital Pond Street London NW3 2QG	Daniel Simmons	Histopathology	B

Site activities performed away from the locations listed above:

Location details		Activity	Location code
The Clocktower Outpatients Department Chase Farm Hospital The Ridgeway Enfield Middlesex EN2 8JL	Daniel Simmons	Mohs Service	C
Dermatology Department Clinic 6, Level 1 Royal Free Hospital Pond Street London NW3 2QG	Daniel Simmons	Mohs Service	D
The Whittington Hospital Histology Department Level 5, K Block, Magdala Avenue, London, N19 5NF	Daniel Simmons	Specimen reception and transport of Cellular Pathology and Diagnostic Cytology samples to Location A for processing	E



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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
<p>HUMAN BODY TISSUE AND FLUIDS</p> <p>Tissue: biopsy, excision, resection and post-mortem specimens</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>Macroscopic and Microscopic examination:</p> <p>Documented in house procedures in conjunction with manufacturers' instructions where relevant:</p> <p><u>Specimen Dissection</u></p> <p>SOPs: MP-CPTH-HIS-CUT UP LP-CPTH-HIS-POST MORTEM LP-CPTH-HIS-SPECIMEN OPENING LP-CPTH-HIS-TRIMMING ROOM LP-CPTH-HIS-TRIMMING ROOM EQUIPMENT LI-CPTH-HIS-MACROS</p> <p><u>Tissue processing</u></p> <p>SOPs: LP-CPTH-HIS-PROCESSING LP-CPTH-BCF-WORKFLOW Leica Peloris III processors and downflow bench</p> <p><u>Decalcification</u></p> <p>SOPs: LP-CPTH-HIS-DECAL LP-CPTH-HIS-TRIMMING ROOM LP-CPTH-HIS-TRIMMING ROOM EQUIPMENT</p> <p>Using Orbit LS agitator Manual method using Formic Acid</p>	<p>A</p> <p>A & B</p> <p>A B</p>



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HUMAN BODY TISSUE AND FLUIDS	<u>Histopathological examination activities for the purposes of clinical diagnosis</u>	Macroscopic and Microscopic examination: Documented in house procedures in conjunction with manufacturers' instructions where relevant: <u>Tissue Embedding</u> SOPs : LP-CPTH-HIS-EMBEDDING PROCEDURES Thermo Histostar embedding centres, Thermo cold plates, Thermo heated CellPath wax dispensers & block trimmers Tissue Tek 5 embedding centre <u>Tissue Sectioning</u> SOPs: LP-CPTH-HIS-PRODUCTION OF SECTIONS 039-LI-CPTH-HIS-MICROTOMY Leica Histocore & Leica RM2235 microtomes	A B A & B
Formalin fixed paraffin embedded blocks of processed tissue			
Fresh frozen tissue	Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd):	<u>Cryotomy</u> SOPs: LP-CPTH-HIS-FROZENS LP-CPTH-HIS-REPORTING 065-LI-CPTH-HIS-CRYOTOMY Using Thermo Cryostar NX50 cryostats	A & B
FFPE slides (Formalin fixed paraffin embedded) tissue on glass slides		Interpretive/diagnostic microscopy SOP: LP-CPTH-HIST-REPORTING	A & B



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HUMAN BODY TISSUE AND FLUIDS (cont'd)	<u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u>	Macroscopic and Microscopic examination:	
	<u>Routine morphological staining</u>	Documented in house procedures in conjunction with manufacturers' instructions where relevant:	
FFPE slides (Formalin fixed paraffin embedded), frozen sections and slides prepared from fluids	Detection of: Basophilic and eosinophilic structures	Documented in house procedures in conjunction with manufacturers' instructions where relevant: SOPs: LP-CPTH-HIS-PRODUCTION OF SECTIONS 039-LI-CPTH-HIS-MICROTOMY LP-CPTH-BCF WORKFLOW LP-CPTH-HIS-STAINING LI-CPTH-HIS-COVERSTAINER	
		Routine morphological staining using Dako coverstainer, Gemini AS stainer, Mega-Slide staining & Thermo ClearVue coverslipper with Haematoxylin and Eosin stain	A
		Routine morphological staining using Leica XL AutoStainer & Leica CV5030 coverslipper with Haematoxylin and Eosin stain	B



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HUMAN BODY TISSUE AND FLUIDS (cont'd)	<u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u>	Macroscopic and Microscopic examination:	
	<u>Special staining</u>	Documented in house procedures in conjunction with manufacturers' instructions where relevant:	
FFPE slides and slides prepared from fluid specimens	Detection of:	SOPs: LP-CPTH-HIS-ARTISAN LP-CPTH-HIS-STAINING LP-CPTH-HIS-EQA/IQA PROCEDURES LP-CPTH-BCF WORKFLOW	
		Automated staining using Dako Artisan Link Pro Stainer, Thermo ClearVue coverslipper and the following stains:	A
		Manual staining using the following stains:	B
	Acid Mucin	Alcian Blue pH 2.5 (AB)	A
	Acid and neutral mucin	Alcian Blue PAS (ABPAS) Fouchet	A A
	Neutral mucin	Periodic Acid Schiff	B
	Glycogen, alpha-1-AT	Diastase Periodic Acid Schiff	A & B
	Mast cells	Giemsa	A
	Reticulin Fibres	Gordon and Sweet (Retic)	A & B
	Fungi	Grocott's Silver (GMS)	A
	Tubercle bacilli	Ziehl-Neelsen (ZN)	A
	Glycogen, Fungi, Mucin	Periodic Acid Schiff (PAS)	A
	Haemosiderin and ferric salts / iron	Perl's Prussian Blue	A & B
	Spirochetes and Helicobacter	Warthin and Starry	A



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HUMAN BODY TISSUE AND FLUIDS (cont'd) FFPE slides and slides prepared from fluid specimens	<u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u> <u>Special staining</u> Detection of: Basement membranes Lipids	Macroscopic and Microscopic examination: Documented in house procedures in conjunction with manufacturers' instructions where relevant: SOPs: LP-CPTH-HIS-ARTISAN LP-CPTH-HIS-STAINING LP-CPTH-HIS-EQA/IQA PROCEDURES LP-CPTH-BCF WORKFLOW Automated staining using Dako Artisan Link Pro Stainer, Thermo ClearVue coverslipper and the following stains: Manual staining using the following stains: Hexamine Silver Oil Red O	 A B B B



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HUMAN BODY TISSUE AND FLUIDS (cont'd)	<u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u>	Macroscopic and Microscopic examination:	
	<u>Special staining</u>	Documented in house procedures in conjunction with manufacturers' instructions where relevant:	
FFPE slides and slides prepared from fluid specimens (cont'd)	Detection of: (cont'd)	SOPs: LP-CPTH-HIS-SPECIAL STAINS LP-CPTH-STAINING LP-CPTH-HIS-IQA/EQA PROCEDURES	A
	Elastin	Manual hand staining using Leica CV5030 coverslipper, ClearVue Thermo coverslipper and using the following stains: Elastin H&E	A
	Gram -ve and +ve bacteria	Gram	A
	Collagen	Haematoxylin Van Gieson (HVG)	A & B
	Amyloid	Congo Red	A & B
	Muscle and collagen	Martius Scarlet Blue (MSB) Sirius Red	A B
	Melanin	Masson Fontana	A
	Connective tissue	Masson Trichrome	A
	Elastin collagen, muscles	Miller's Elastic Van Gieson (EVG) Victoria Blue	A B
	Muscle	Phosphotungstic Acid Haematoxylin	A
	Copper associated protein	Rhodanine	A
	Basophilic and eosinophilic structures	Haematoxylin and Eosin	A & B



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HUMAN BODY TISSUE AND FLUIDS (cont'd)	<u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u>	Macroscopic and Microscopic examination:	
	<u>Special staining</u>	Documented in house procedures in conjunction with manufacturers' instructions where relevant:	
FFPE slides and slides prepared from fluid specimens (cont'd)	Detection of: (cont'd)	SOPs: LP-CPTH-HIS-SPECIAL STAINS LP-CPTH-STAINING LP-CPTH-HIS-IQA/EQA PROCEDURES LP-CPTH-BCF WORKFLOW	A
	Hepatitis B antigen, elastin fibres and copper associated protein.	Manual hand staining using the following stains: Orcein	A & B
	Cryptococcus	Southgate's Mucicarmine	A
	Calcium salts	Von Kossa	A
	Acid fast bacilli (Leprosy)	Wade Fite	A
	Pigment removal	Melanin	A
	Mast cells	Toluidine Blue	A
	Bile	Fouchet	B



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Ascitic fluid, bile, biliary brushings, bladder washing, bronchial brushings and washings, broncho-alveolar lavage, common bile duct brushings, cell block, cerebrospinal fluid, cystic fluid, endobronchial ultra-sound guided sample (EBUS) fine needle aspirations, hydrocele fluid, joint/ synovial fluid, kidney washings, mediastinal fluid, needle washings, nipple discharge, oesophageal brushings, ovarian cyst fluid, pancreatic brushings, pericardial, peritoneal and pleural fluid, sputum, urine, ureteric washings/ brushings</p> <p>Stained Slides prepared in-house</p> <p>FNA samples only</p>	<p><u>Non-Gynae Cytopathological 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>Cells (nuclei and cytoplasm) and micro organisms</p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house procedures in conjunction with manufacturers' instructions where relevant:</p> <p>SOPs: LP-CPTH-CYT-CELL BLOCK LP-CPTH-CYT-BRUSH LP-CPTH-CYT-FNA LP-CPTH-CYT-RS LP-CPTH-CYT-URINE LP-CPTH-CYT-FLUID LP-CPTH-CYT-GEN PROC LP-CPTH-CYT-LEICA CV5030 LP-CPTH-CYT-T2000 LP-CPTH-GEN-MICROSCOPE</p> <p>Cytocentrifugation and direct preparations of samples</p> <p>Liquid based Cytology technique using Hologic T2000 for preparation Urine Samples</p> <p>SOP LP-CPTH-CYT-STAINING for routine morphological staining using Leica Autostainer XL & Leica CV5030 Coverslipper with the following stains:</p> <p>Papanicolaou</p> <p>May-Grunwald Giemsa</p> <p>RAL 555 using manual method</p>	<p>A</p> <p>A</p>



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HUMAN BODY TISSUE AND FLUIDS (cont'd)	<u>Non-Gynae Cytopathological examination activities for the purposes of clinical diagnosis</u>	Macroscopic and Microscopic examination: Documented in house procedures in conjunction with manufacturers' instructions where relevant: Interpretive/diagnostic microscopy (qualitative analysis) SOPs: LP-CPTH-CYT-REPORTING SPECIMEN LP-CPTH-GEN-MICROSCOPE CPTH-GEN-Using the multiheader microscope	A
Skin from Mohs micrographic surgery	Histopathological examination to provide assessment of circumpheral, peripheral and depe margins of potential skin malignancies	Preparation of Mohs frozen blocks and slides using Leica cryostat and Leica Slide Stainer with Haematoxylin and Eosin stain followed by microscopy using Leica Microscope SOP Q2484-Mohs Preparation of Mohs frozen blocks and slides using Bright Cryostat, manual staining with Haematoxylin and Eosin stain followed by Microscopy using Leica Microscope SOP LIS-HIS-Mohs	C D
END			