


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>UKAS</b> MEDICAL</p> <p>9890</p> <p>Accredited to ISO 15189:2022</p>	<p><b>Birmingham Women's and Children's NHS Foundation Trust</b></p> <p>Issue No: 011    Issue date: 07 May 2026</p>	
	<p>Diana, Princess of Wales Children's Hospital Steelhouse Lane Birmingham B4 6NH</p>	<p>Contact: Ben Feeney Tel: +44 (0)121 333 9833 E-Mail: ben.feeney@nhs.net Website: www.bwc.nhs.uk</p>
<p><b>Testing performed at the above address only</b></p>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>HUMAN BODY TISSUE AND FLUIDS</p> <p>Biopsy, excision, resection and post mortem specimens</p> <p>Biopsy, excision, resection and post mortem specimens</p>	<p><u>Histology examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u></p> <p>Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</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: Leica RM2245 and Leica Histocore Multicut</p> <p>Specimen dissection: HISREC025 – Specimen Trimming HISREC026 – Receipt and handling of tumour specimens in the laboratory Gall Bladder Hilar Plate Trimming HISMED001 Appendix Trimming HISMED002 Bone Trimming HISMED003</p> <p>Specimen dissection: Bowel Resection Trimming HISMED004 HISREC009 – Fresh Tissue Trimming HISREC012 – Hirschsprung's Disease – Diagnosis and Resection HISREC014 – Kidney needle biopsy HISREC020 – Small biopsies (other than tumours) not requiring incision Brain (non Tumour) Trimming HISMED005 Hirschsprung Trimming HISMED006</p>



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd):</p> <p>Biopsy, excision, resection and post mortem specimens</p>	<p><u>Histology examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd);</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>Intra-operative Procedures HISMED007 Lymph node Trimming HISMED008 Ovary, Salpinx, Uterus Trimming HISMED009 Paediatric Solid Tumour Trimming MED011 Retinoblastoma Trimming HISMED014 Spleen Trimming HISMED015 Thyroid Trimming HISMED016 Hepatectomy (Non Tumour) Trimming HISMED017 Kidney (Non Tumour) Ureter, PUJ Trimming HISMED018 Meckel Trimming HISMED019 Skin Trimming HISMED020 Specimen dissection:Surgical Specimen Trim (Non-otherwise specified) HISMED021 Testicle Adnexal Structures Trimming HISMED022 Tonsil Trimming HISMED023</p> <p>HISREC005 – Decalcification of tissue</p>



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd):</p> <p>Biopsy, excision, and resection specimens</p> <p>Formalin Fixed Paraffin wax blocks of processed tissue.</p> <p>Formalin Fixed Paraffin Embedded Tissue (FFPE) sections on glass slides</p>	<p><u>Histology examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd):</u></p> <p>Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</p> <p>Identification of basophilic and eosinophilic structures</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Using Leica CM1950 for frozen sections: Cryostat Sectioning of frozen tissue – HISLAB010 HISREC003 – Snap freezing for cryomicrotomy HISREC010 – Frozen section for rapid diagnosis HISLAB010 – Cutting frozen sections HISLAB031 – H&amp;E staining</p> <p>Tissue processed using Thermo Excelsior and Eprexia Excelsior AS Tissue Processors (HISLAB070, HISLAB071) Rapid Manual Paraffin Wax Processing HISLAB033 Eye Processing, section cutting and staining HISLAB087 HISLAB011 Trim and Section cutting of Routine Paraffin Wax Blocks HISLAB036, HISLAB037</p> <p>Automated Haematoxylin and Eosin Staining using Eprexia Gemini Autostainer Slide Stainer HISLAB031 H&amp;E Staining</p>



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HUMAN BODY TISSUE AND FLUIDS (cont'd);  Formalin Fixed Paraffin Embedded Tissue (FFPE) sections on glass slides	<p><u>Histology examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd):</p> <p>Identification of basophilic and eosinophilic structures</p> <p>Acid Mucins</p> <p>Acid and neutral mucins</p> <p>Ganglion cells</p> <p>H. Pylori</p> <p>Copper</p> <p>Elastic and connective tissues</p> <p>H Pylori/microorganisms &amp; Haemopoietic cells</p> <p>Fungi</p>	<p>Macroscopic and Microscopic examination:</p> <p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Epredia Histostar : Embedding of routine paraffin Wax Blocks HISLAB014</p> <p>Manual Haematoxylin and Eosin staining HISLAB031</p> <p>Manual staining using the following SOPs:</p> <p>HISREC030 – Staining procedures on Non Tumour tissue</p> <p>Alcian Blue HISLAB001</p> <p>Alcian Blue / PAS technique HISLAB086</p> <p>Acetylcholinesterase Method for Rectal Biopsies for diagnosis of Hirschsprung's Disease HISLAB002</p> <p>Cresyl Fast Violet HISLAB006</p> <p>Modified Rhodanine Method HISLAB013</p> <p>Elastic Van Gieson (EVG) HISLAB016 Orcein HISLAB040</p> <p>Giemsa HISLAB024</p> <p>Grocott – Gomori Methenamine Silver Method for Fungi HISLAB027</p>



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HUMAN BODY TISSUE AND FLUIDS (cont'd);  Formalin Fixed Paraffin Embedded Tissue (FFPE) sections on glass slides (cont'd)	<u>Histology examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd):  Melanin  Demonstration of fibrin  Connective tissues  Copper associated protein, Hepatitis B surface antigen (HBSAg), and Elastic fibres  Carbohydrates  Glycogen  Demonstration of basement membranes  Iron  Reticulin Fibres  Mast Cells and general cytological appearance  Tubercle Bacilli  Calcium  Gram positive and negative organisms	Macroscopic and Microscopic examination:  In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:  Masson Fontana HISLAB034  Martius Scarlet Blue (MSB) HISLAB038  Masson Trichrome HISLAB039 Van Gieson HISLAB108  Orcein for copper associated protein, Hep B, and Elastin fibres HISLAB040  Periodic Acid Schiff (PAS) for carbohydrates HISLAB046  Periodic Acid Schiff Diastase/Amylase (PASD) for the identification of glycogen HISLAB047  Periodic Acid Methenamine Silver for Basement Membranes HISLAB048  Perls Method for ferric iron HISLAB049  Gordon and Sweet's Silver Impregnation for Reticulin Fibres HISLAB054  Toluidine Blue for Mast Cells and General Cytology HISLAB059  Ziel-Neelson (ZN) Stain for Tubercle Bacilli HISLAB064  Silver Nitrate / Rubeanic Acid Technique for Calcium HISLAB084  Gram Method for Gram Positive Organisms HISLAB107



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd):</p> <p>Fine needle aspirations (various sites), Serous effusions (pleural, ascetic) Respiratory fluids Urine Cyst fluids CSF</p> <p>BAL only</p> <p>All sample types as above</p>	<p><u>Diagnostic Cytopathology</u> <u>Examination of non-gynaecological specimens in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u></p> <p>Staining for cellular architecture and nuclear detail (identification of basophilic and eosinophilic structures)</p> <p>Lipids Fat Laden Macrophages</p> <p>Morphological assessment and interpretation/diagnosis</p>	<p>HISREC004 The Preparation of Non Gynae Cytology Specimens</p> <p>Papanicolaou staining for cytology HISLAB045</p> <p>Oil Red O Staining HISLAB041</p> <p>HISREC004 – Preparation of NG Cytology Samples HISMED013 – reporting Histopath samples</p>



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd):</p> <p>Formalin Fixed Paraffin Embedded Tissue (FFPE) sections on glass slides and non gynae cytology preparations:</p>	<p><u>Immunohistochemistry examination activities for the purposes of clinical diagnosis</u></p> <p>Smooth muscle cells</p> <p>Adenovirus</p> <p>Alpha fetoprotein</p> <p>Anaplastic large cell lymphoma / inflammatory myofibroblastic tumour</p> <p>Various carcinomas</p> <p>Used to aid classification of lymphomas/bone marrow biopsies</p> <p>Used to aid classification of lymphomas/bone marrow biopsies</p> <p>B cell marker</p> <p>Antibody mediated rejection</p> <p>Muscular marker</p> <p>Muscular marker</p> <p>Neuroanatomical marker</p> <p>Langerhan's cell histiocytosis</p> <p>T cell marker</p> <p>T cell marker</p> <p>T-cell subset</p> <p>T cell marker</p>	<p>Documented in-house methods and Roche BenchMark Ultra Immunostainer manufacturer's instructions for:</p> <p>Automated Immunohistochemistry Methods HISLAB110</p> <p>Actin</p> <p>Adenovirus</p> <p>AFP</p> <p>ALK</p> <p>B Catenin</p> <p>BCL2</p> <p>BCL6</p> <p>BOB-1</p> <p>C4d</p> <p>Caldesmon</p> <p>Calponin</p> <p>Calretinin</p> <p>CD1a</p> <p>CD2</p> <p>CD3</p> <p>CD4</p> <p>CD5</p>



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	Infantile haemangioma	GLUT1
	B cell marker	Granzyme B
	Hepatocyte differentiation	Hepatocyte
	Herpes	HSV
	Used to aid identification of melanomas	HMB45
	Juvenile granuloma cell	Inhibin
	Epithelioid sarcoma, atypical teratoids / rhabdoid tumour	INI1
	Nuclear protein in proliferating cells	Ki67
	Langerhan's cell Histiocytosis	Langerin
	Myeloma oncogene marker	MUM-1
	Neutrophils, granulocytic sarcoma	Myeloperoxidase
	Skeletal muscle	Myogenin
	Skeletal muscle differentiation	Myo D1
	Human Cytomegalovirus	CMV
	Neuronal cell types	NEUN
	Nerve fibres	Neurofilament
Neuronal cell marker	NSE	
B Cell marker	OCT-2	



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HUMAN BODY TISSUE AND FLUIDS: (cont'd)  Slides prepared in house from samples listed above	<u>Histology examination activities for the purposes of clinical diagnosis.</u>  Morphological assessment and interpretation/diagnosis	Microscopy (qualitative analysis)  Light microscopes – Reporting Histopathology Specimens HISMED013
END		