


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 8609 Accredited to ISO 15189:2022	Moorfields Eye Hospital NHS Foundation Trust	
	Issue No: 006 Issue date: 04 June 2025	
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Testing performed at the above address only		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY TISSUE AND FLUIDS Ocular Pathology samples (eye lids, conjunctiva, cornea, lacrimal sac, lacrimal gland, orbit, intra-ocular structures, sclera / choroid, enucleations, eviscerations, exenterations)	<u>Histopathology</u> Examination of tissues to identify or exclude morphological and cytological abnormalities for the purposes of diagnosis	Macroscopic and Microscopic examination In house documented procedures in conjunction with equipment as specified below: <u>Specimen dissection</u> Manual methods using documented in-house procedure PREP-003 <u>Tissue Processing</u> Documented in-house procedure PREP 004 in conjunction with manufacturers instructions using Leica ASP300S Processing Machine <u>Tissue embedding</u> Documented in-house procedure PREP 005 in conjunction with manufacturers instructions using Leica Histo Arcadia Embedding Centre <u>Tissue sectioning (microtomy)</u> Documented in-house procedure PREP 006 in conjunction with manufacturers instructions using Leica RM2235 Microtome



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Paraffin block tissues</p>	<p><u>Histopathology</u></p> <p>Examination of tissues to identify or exclude morphological and cytological abnormalities for the purposes of diagnosis</p> <p>Identification of basophilic and eosinophilic structures</p> <p>PAS positive substances</p> <p>Acid mucopolysaccharides</p> <p>Amyloid</p> <p>Gram +ve & -ve microorganisms</p> <p>Gram-negative bacteria</p> <p>Fungi</p> <p>Fibrin</p> <p>Melanin Pigment</p> <p>Granular Dystrophy</p>	<p><u>Staining:</u> Documented in-house procedures for manual or automated staining using Leica XL Autostainer and the following stains with reference to:</p> <p>Haematoxylin and Eosin (STAIN 009)only automated staining</p> <p>Alcian Blue PAS (STAIN 002)</p> <p>Documented in-house procedures for manual staining using the following stains with reference to:</p> <p>Alcian Blue (STAIN 001)</p> <p>Congo Red Alkaline (STAIN 005)</p> <p>Gram (STAIN 034)</p> <p>Gram Twort (STAIN 006)</p> <p>Grocott Hexamine Silver (STAIN 008)</p> <p>Martius Scarlet Blue (STAIN 012)</p> <p>Masson Fontana (STAIN 013)</p> <p>Masson Trichrome (STAIN 014)</p>



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Paraffin block tissues</p>	<p><u>Histopathology</u></p> <p>Examination of tissues to identify or exclude morphological and cytological abnormalities for the purposes of diagnosis (cont)</p> <p>Melanin pigment (by absence)</p> <p>Elastic tissue fibres, Muscle, Collagen</p> <p>Tubercle bacilli (TB)</p> <p>PAS positive substances</p> <p>PAS positive substances</p> <p>Haemosiderin and ferric iron</p> <p>Calcium</p>	<p><u>Staining:</u> Documented in-house procedures for manual or automated staining using Leica XL Autostainer and the following stains with reference to:</p> <p>Melanin Bleach (STAIN 016)</p> <p>Miller's Elastic Van Gieson (STAIN 029)</p> <p>Modified Ziehl Neelson (STAIN 033)</p> <p>Periodic Acid Schiff (STAIN 021)</p> <p>Periodic Acid Schiff with Diastase (STAIN 022)</p> <p>Perls Prussian Blue (STAIN 023)</p> <p>Von Kossa (STAIN 030)</p>



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Tissue sections on glass slides</p>	<p><u>Histopathology</u></p> <p>Examination of tissues to identify or exclude morphological and cytological abnormalities for the purposes of diagnosis:</p> <p>Epithelial cells</p> <p>Scattered T cells in germinal centres and mantle zone B cells- follicular lymphoma</p> <p>Lymphoma</p> <p>Mesothelioma panel marker-epithelial</p> <p>T cells in mantle zone</p> <p>T and B cells-leukaemia</p> <p>Childhood ALL, follicular lymphoma</p> <p>B cells-lymphoma</p> <p>B cells- dendritic cells</p> <p>Lymphocytes in germinal centres</p> <p>Endothelial cells- malignancy</p>	<p><u>Immunocytochemistry:</u> Documented in-house procedure IMM 020 in conjunction with manufacturers instructions using antibodies and Leica Bond III Immunostainer</p> <p>AE1/AE3 (MCK)</p> <p>BCL-2</p> <p>BCL-6</p> <p>BerEP-4</p> <p>CD3</p> <p>CD5</p> <p>CD10</p> <p>CD20</p> <p>CD21</p> <p>CD23</p> <p>CD31</p>



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Tissue sections on glass slides</p>	<p><u>Histopathology:</u></p> <p>Examination of tissues to identify or exclude morphological and cytological abnormalities for the purposes of diagnosis:</p> <p>Vascular epithelium</p> <p>All white cells</p> <p>Neuroectodermal cells, neurones, astrocytes</p> <p>Macrophages</p> <p>B cells</p> <p>B lymphocyte differentiation</p> <p>Epithelial malignancy</p> <p>Normal and neoplastic epithelia</p> <p>Cytokeratin low MWT</p> <p>Ductal and glandular epithelium</p> <p>Epithelial subtypes</p> <p>Neuroendocrine cells</p> <p>Mantle cell lymphoma</p> <p>Smooth and striated muscle</p> <p>Epithelial cells</p> <p>Glial cells</p> <p>Melanocytes</p>	<p><u>Immunocytochemistry:</u></p> <p>Documented in-house procedure IMM 020 in conjunction with manufacturers instructions using antibodies and Leica BondMax and Bond III Immunostainer</p> <p>CD34</p> <p>CD45 (LCA)</p> <p>CD56</p> <p>CD68</p> <p>CD79a</p> <p>CD138</p> <p>CEA</p> <p>CK7</p> <p>CK8/18 (CAM 5.2)</p> <p>CK19</p> <p>CK20</p> <p>CHROMOGRANIN A</p> <p>CYCLIN D1</p> <p>DESMIN</p> <p>EMA</p> <p>GFAP</p> <p>HMB45</p>



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Tissue sections on glass slides</p> <p>Vitreous fluids & corneal impression drum</p> <p>Vitreous fluids</p> <p>Slides prepared in-house as above</p>	<p><u>Histopathology:</u></p> <p>Examination of tissues to identify or exclude morphological and cytological abnormalities for the purposes of diagnosis:</p> <p>Mesenchymal cells</p> <p>Endothelial cells and megakaryocytes</p> <p><u>Cytopathology:</u></p> <p>Examination of tissues to identify or exclude morphological and cytological abnormalities for the purposes of diagnosis</p> <p>Examination of slides to identify or exclude morphological and cytological abnormalities for the purposes of diagnosis:</p> <p>Basic cellular components</p> <p><u>Histopathology and Cytopathology</u></p> <p>Morphological assessment and interpretation / diagnosis</p>	<p><u>Immunocytochemistry:</u></p> <p>Documented in-house procedure IMM 020 in conjunction with manufacturers instructions using antibodies and Leica BondMax and Bond III Immunostainer</p> <p>VIMENTIN</p> <p>VON WILLIBRAND FACTOR (FACTOR VIII)</p> <p><u>Preparation of slides for staining:</u></p> <p>Documented in-house procedure PREP015 in conjunction with manufacturers instructions using Hettich Rotofix centrifuge</p> <p><u>Staining:</u></p> <p>Documented in-house procedures for manual staining using the following stains with reference to:</p> <p>H&E</p> <p>Microscopy and reporting using documented in-house procedure G001</p>
END		