


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p>Accredited to ISO 15189:2022</p>	<h3>Advance Histopathology Laboratory Limited</h3> <p><b>Issue No: 003    Issue date: 18 September 2024</b></p>	
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<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</p> <p>Formalin-fixed tissue samples</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>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Specimen Dissection Key SOPs: Specimen Reception AHL-Lab 62 Specimen Dissection AHL-Lab 30</p> <p>Automated Decalcification using the Sakura TDE 30 Decalcifier Key SOPs: AHL-Lab 243</p> <p>Manual Decalcification &amp; Fixation using the Standard Analogue Shaker Key SOPs: AHL-Lab 243</p> <p>Tissue Processing using the Leica ASP300S tissue processor Key SOPs: AHL-Lab 67</p> <p>Embedding and Orientation using the Leica HistoCore Arcadia H embedder and Leica EG F Heated forceps Key SOPs: AHL-Lab 68</p>



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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 methods incorporating manufacturers' instructions where relevant:
Fresh/frozen tissue	Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis	Frozen sections using the Leica CM1950 cryostat Key SOPs: AHL-Lab 73
Formalin Fixed paraffin wax blocks of processed tissue		Microtomy using the Leica RM2235 Rotary Microtomes. Slides printed using ThermoFisher SlideMate AS Key SOPs: AHL-Lab 223, AHL-Lab 334
FFPE slides (Formalin fixed paraffin embedded) and frozen sections	Routine morphological staining for the detection of basophilic and eosinophilic structures	Manual and Automated Haematoxylin and Eosin (H&E) staining using the Leica ST5020 Multistainer, and coverslipping using the Leica CV5030 Fully Automated Glass Coverslipper Key SOPs: Manual AHL-Lab 249, Automated AHL-Lab 49
FFPE slides (Formalin fixed paraffin embedded)	Special stains for the detection of:	Documented in-house procedures for manual special stains using the following SOPs:
	Acid mucopolysaccharides Neutral mucopolysaccharides Mixed Mucins	Alcian Blue (AB) / Alcian Blue Periodic Acid Schiff (ABPAS) SOPs: AHL-Lab 33 / AHL-Lab 34
	Helicobacter pylori	Cresyl Fast Violet (CFV) AHL-Lab 242
	Amyloid	Congo Red AHL-Lab 35
	Elastin Fibres Cell Granules Collagen	Millers Elastic Van Gieson (EVG) AHL-Lab 44



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HUMAN BODY TISSUE (cont'd)  FFPE slides (Formalin fixed paraffin embedded) (cont'd)	<p><u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)</p> <p>Special stains for the detection of: (cont'd)</p> <p>Helicobacter Pylori Mast cells</p> <p>Gram positive microorganisms Gram negative microorganisms</p> <p>Fungal spores/hyphae/pneumocystis Collagen</p> <p>Melanin Argentaffin granules Chromaffin granules Nuclei</p> <p>Melanin pigment</p> <p>Fibrin Muscle Collagen Erythrocytes Nuclei</p> <p>Collagen Muscle fibres Erythrocytes</p> <p>Hepatitis-B affected cells Copper-associated protein Elastin</p> <p>Haemosiderin Ferric Iron Nuclei</p> <p>Neutral mucopolysaccharides Glycogen PAS positive substance Nuclei</p>	<p>Documented in-house procedures for manual special stains using the following SOPs:</p> <p>Giemsa AHL-Lab 251</p> <p>Gram AHL-Lab 36</p> <p>Grocott Hexamine Silver AHL-Lab 37</p> <p>Masson Fontana AHL-Lab 41</p> <p>Melanin Bleach AHL-Lab 335</p> <p>Martius Scarlet Blue (MSB) AHL-Lab 40</p> <p>Masson Trichrome AHL-Lab 42</p> <p>Orcein AHL-Lab 336</p> <p>Perls' Prussian Blue AHL-Lab 31</p> <p>Periodic Acid Schiff (PAS)/ Periodic Acid Schiff Diastase (dPAS) AHL-Lab 38</p>



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HUMAN BODY TISSUE (cont'd)  FFPE slides (Formalin fixed paraffin embedded) (cont'd)  Slides prepared as above	<u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)  Special stains for the detection of: (cont'd)  Reticulin Fibres  Mast Cells  Calcium Deposits  Mycobacteria spp including TB  Morphological assessment and interpretation/diagnosis	Documented in-house procedures for manual special stains using the following SOPs:  Gordon and Sweet's Reticulin AHL-Lab 43  Toluidine Blue AHL-Lab 250  Von Kossa AHL-Lab 264  Ziehl Neelsen (ZN) AHL-Lab 39  Microscopy and reporting using Nikon and Olympus microscopes AHL-Lab 156-P

END