


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL 8238</p> <p>Accredited to ISO 15189:2012</p>	<p>Queen Victoria Hospital NHS Foundation Trust</p> <p>Issue No: 005 Issue date: 12 January 2022</p>	
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	<p>Testing performed at the above address only</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>Fixed, fresh and frozen tissue; excisional and incisional biopsies and surgical resection 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><u>Specimen Dissection</u></p> <p>H-SOP-013 and as appropriate to specimen type H-SOP-024 -General Specimens H-SOP-025 Skin specimens H-SOP-026 Laryngectomy H-SOP-027 - Pharyngo-Laryngectomy Specimens H-SOP-028 Mandibulectomy H-SOP-029 Maxillectomy H-SOP-030 Neck Specimens H-SOP-031 Oral & Oropharyngeal H-SOP-032 Mucosal Biopsy H-SOP-033 Tooth H-SOP-034 Salivary Gland Tumour H-SOP-038 – Axillary, Groin and other Lymph Node Specimens H-SOP-039 – Breast Specimens</p> <p><u>Tissue processing</u></p> <p>Decalcification H-SOP-011</p> <p>H-SOP-012 Leica ASP 300 Processor Leica ASP 300S Processor Sakura Tissue Tek</p>



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HUMAN BODY TISSUE (cont'd)	<u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)	Macroscopic and Microscopic examination:
		<u>Microtomy</u>
		H-SOP-006 Leica Microtomes (RM2235 and RM2245)
Fixed, fresh and frozen tissue; excisional and incisional biopsies and surgical resection specimens	Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis	<u>Frozen Sections</u>
		H-SOP-009 - Frozen Sections Leica Cryostat G-SOP-006 - Reporting of Results Leica Cryostat
Fixed, fresh and frozen tissue; excisional and incisional biopsies and surgical resection specimens	Routine morphological staining for the detection of basophilic and eosinophilic structures	Macroscopic and Microscopic examination:
		<u>Haematoxylin and Eosin stain</u> Automated and manual H-SOP-007 - Haematoxylin & Eosin Staining Leica Autostainer XL
		Rapid H&E (frozen sections) H-SOP-009 - Frozen Sections



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Fixed, fresh and frozen tissue; excisional and incisional biopsies and surgical resection specimens	<p>Special Stains for the Detection of :</p> <p>Acid Mucins Gram positive and negative bacteria Fungi including pneumocystis</p> <p>Melanin argentaffin chromatin and lipofusin Elastic connective tissue Acid and neutral mucins</p> <p>Fungi/glycogen/neutral mucins and Glycogen digestion (with diastase/amylase) Exfoliative Cytology Cells -Iron Mast Cells Alcohol/acid fast bacilli (inc Tuberculosis) Amyloid Blood v cytological cells</p>	<p><u>Special staining</u> Manual H-SOP-015 and as appropriate to stain type -:</p> <p>H-MS – 001 Alcian Blue H-MS – 003 Gram Stain H-MS – 004 Grocott Hexamine Silver H-MS – 005 Masson Fontana</p> <p>H-MS – 006 Miller's Elastic Stain H-MS – 007 Alcian Blue. PAS Diastase H-MS – 008 Periodic Acid Schiff and PAS Diastase/Amylase</p> <p>H-MS – 009 Papanicolou Staining H-MS - 010 Perl's Prussian Blue H-MS – 014 Toluidine Blue H-MS – 015 Ziehl Neelsen</p> <p>H-MS – 016 Congo Red H-MS - 017 Rapi-diff</p>



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Fixed, fresh and frozen tissue; excisional and incisional biopsies and surgical resection specimens	<p>Immunohistochemistry to detect the following:</p> <p>Simple and stratified epithelial cells Epithelial Cells Simple-, complex- and transitional epithelia Gastrointestinal epithelia Broad range cytokeratin Cytokeratins 1,5,10 and 14 Stratified Squamous epithelial Melanoma, nerves, glial cells Melanocytes Intermediate filament Smooth muscle and tumours Epithelial cells T-cell marker Endothelial cells Endothelial Marker Leukocyte common antigen B-Cell marker B-cell marker Neural cell adhesion molecule Macrophages Mast cells and GIST Proliferation marker Atypical fibroxanthoma Mesenchymal Marker T-cells, B-cells in the mantle zone Neuroendocrine Thyroid/thyroid tumours Lumen of thyroid follicles Squamous epithelium Epithelial marker Melanoma cells Melanoma subtypes</p>	<p>Macroscopic and Microscopic examination:</p> <p>Immunohistochemistry: Automated H-SOP-003 Dako Autolink Immunostainer</p> <p>AE1/3 BerEp4 CK7</p> <p>CK 20 MNf116 34BE12 CK5/6 S100 Melan A Desmin SMA EMA CD3 CD31 CD34 CD45 (LCA) CD79a CD20 CD56 CD68 CD117 (c-kit) Ki67 CD10 Vimentin BCL-2 ChromograninA TTF-1 Thyroglobulin P63 E-Cadherin HMB45 SOX10</p>



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Slides prepared as above	Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis	<u>Interpretive Microscopy</u> Olympus Microscope Leica Microscope Zeiss Microscope H-SOP-022 - Slide Checking & Section Quality G-SOP-006 - Reporting of Results H-SOP-024 -General Specimens H-SOP-025 Skin specimens H-SOP-026 Laryngectomy H-SOP-027 - Pharyngo-Laryngectomy Specimens H-SOP-028 Mandibulectomy H-SOP-029 Maxillectomy H-SOP-030 Neck Specimens H-SOP-031 Oral & Oropharyngeal H-SOP-032 Mucosal Biopsy H-SOP-033 Tooth H-SOP-034 Salivary Gland Tumour H-SOP-038 – Axillary, Groin and Lymph Node Specimens H-SOP-038 – Axillary, Groin and Lymph Node Specimens H-SOP-039 – Breast Specimens
END		