

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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



8369

Accredited to
ISO 15189:2012

Queen Mary University of London, operating the Blizard Institute Core Pathology

Issue No: 008 Issue date: 28 April 2025

Queen Mary University of London
Blizard Institute – Core Pathology
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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 |
|---|--|--|
| <p>HUMAN BODY FLUIDS/TISSUES</p> <p>Fixed and fresh 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>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Specimen Dissection</p> <p><u>SOPs</u> [195 - Cut up Procedure] [194 - Decalcification of Specimens Procedure] [193 - Specimen Dissection]</p> <p>Tissue processing and embedding using Epreia Excelsior AS Tissue Processor and Thermo Shandon embedding centre</p> <p><u>SOPs</u> [83 - Processing of Specimens Procedure] [213-Embedding of Specimens Procedure]</p> |



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| <p>HUMAN BODY FLUIDS/TISSUES (cont'd)</p> <p>Formalin Fixed Paraffin wax blocks of processed tissue.</p> <p>FFPE slides (Formalin fixed paraffin embedded)</p> | <p><u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u></p> <p>Routine morphological staining for the detection 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>Microtomy using Thermo Shandon finesse and PFM Medical rotary microtomes</p> <p><u>SOPs</u> [209-Cutting Paraffin Sections Procedure] [315 – Cutting for Special cases]</p> <p>Automated methods using Eprelia Gemini AS</p> <p>Manual staining method</p> <p>Eprelia Clearvue coverslipper</p> <p><u>SOPs</u> 32 - Haematoxylin and Eosin [629 – Core Pathology Staining Manual]</p> |



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| HUMAN BODY FLUIDS/TISSUES (cont'd) | <u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u> | In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified: |
| FFPE slides (Formalin fixed paraffin embedded) | Special stains for the detection of: | Documented in-house procedures for manual and automated special stains |
| | Acid and neutral mucins | <u>SOPs</u> [629 – Core Pathology Staining Manual] Manual method 582 – ABPAS |
| | Polysaccharides and fungi | Manual method 75 – DPAS |
| | Polysaccharides including glycogen and fungi | Manual method 75 – PAS |
| | Acid Mucins | Manual method 2 - Alcian Blue |
| | Amyloid | Manual method 12 - Congo Red |
| | Nissl components and Helicobacter | Manual method 13 - Cresyl Fast Violet |
| | Melanin, argentaffin, chromaffin and some lipofuscin | Manual method 18 – Fontana |
| | Haematopoietic cells | Manual method 21 – Giemsa |
| | Reticulin fibres | Manual method 25 - Gordon and Sweet |
| | Gram positive and negative bacteria | Manual method 26 – Gram |
| | Fungi, pneumocystis | Manual method 28 – Grocott |



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| HUMAN BODY FLUIDS/TISSUES (cont'd) | <u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd) | In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified: |
| FFPE slides (Formalin fixed paraffin embedded) (cont'd) | Special stains for the detection of: (cont'd) | Documented in-house procedures for manual and automated special stains (cont'd) |
| | Basement membranes | Manual method 35 - Hexamine Silver |
| | Myelin, lipofuscin and nissl granules | |
| | Connective tissue | Manual method 39 - Masson Trichrome |
| | Elastic fibres and connective tissue | Manual method 43 - Millers Elastic |
| | Fibrin connective tissue | Manual method 44 – MSB |
| | Haemosiderin | Manual method 55 - Perls Prussian Blue |
| | Connective tissue | Manual method 57 - Picro Sirius |
| | Nissl granules and mast cells | Manual method 66 - Toluidine Blue |
| | Nuclei and connective tissue | Manual method 67 - Van Gieson |
| | Calcium | Manual method 70 - Von Kossa |
| | <i>Mycobacterium leprae</i> | Manual method 71 - Wade Fite |
| | <i>Mycobacterium spp</i> including tuberculosis | Manual method 74 - Ziehl Neelsen |



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| HUMAN BODY FLUIDS/TISSUES (cont'd) | <u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u> | In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified: |
| Slides prepared as above | Morphological assessment and interpretation/diagnosis | Interpretive Microscopy using an assorted range of diagnostic bright-field microscopes <u>SOPs</u> [628 – General Light Microscope Operation] [405- Reporting Protocol for Consultant Pathologists] |
| HUMAN BODY FLUIDS | <u>Cytological examination activities for the purposes of clinical diagnosis</u> | In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified: |
| Unstained Non-gynae cytology slides Non Gynae cytology fluids | Morphological assessment and interpretation/diagnosis | <u>SOPs</u> 191-Reception of Specimens Procedure 222 – Referral Work |
| END | | |