


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL</p> <p>8363</p> <p>Accredited to ISO 15189:2012</p>	<p align="center">Salisbury NHS Foundation Trust</p> <p align="center">Issue No: 004 Issue date: 24 January 2025</p>	
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<p align="center">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 AND FLUIDS</p> <p>Tissue samples</p>	<p><u>Examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u></p> <p><u>Histopathology</u></p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Specimen dissection: CP-SOP-015 Cut up manuals</p> <p>Tissue processing: Tissue Tek VIP6AI Tissue Processing Machine (x3) CP-SOP-016 Tissue processing</p> <p>Embedding: Tissue-Tek TEC 5s Embedding Centres x2 CP-SOP-027 Embedding</p> <p>Decalcification: CP-SOP-091 Decalcification</p> <p>Microtomy: Leica rotary/semi-auto rotary microtomes CP-SOP-093 Microtomy</p> <p>Frozen sections for urgent diagnostic histopathology: Expredia NX70 (x2) CP-SOP-071 Frozen sections</p>
<p>Tissue samples</p>	<p>H&E staining for tissue architecture and nuclear detail</p> <p>Papanicolaou (PAP) staining for nuclear and cytoplasmic detail</p>	<p>CP-SOP-068 Haematoxylin and Eosin staining</p> <p>Sakura Tissue-Tek Prisma Plus staining machine and Tissue-Tek film automated coverslipper</p> <p>CP-SOP-036 Sakura Tissue-Tek Prisma Plus staining machine and Tissue-Tek film automated coverslipper</p> <p>Manual Method CP-SOP-069 Special stains for back up manual H&E and PAP staining</p>



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HUMAN BODY TISSUE AND FLUIDS (cont'd)	<u>Examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)	Macroscopic and Microscopic examination: Documented in house methods incorporating manufacturers' instructions where relevant:
Tissue samples (cont'd)	<u>Histopathology</u> (cont'd) Frozen section examination to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis	Cryotomy using Crystat and H&E Staining CP-SOP-071 – Frozen sections CP-SOP-069-H&E for frozens
Tissue samples	Special staining for the identification of: Mucins Amyloid Elastic fibres Helicobacter Gram +ve and –ve organisms Basement membranes Collagen Connective tissues Melanin	Special staining: Manual methods according to UKNEQAS CPT best methods and CP-SOP-057-Special stains –staining index and guide Alcian blue - CP-SOP-058 AB/PAS - CP-SOP--060 Congo Red - CP-SOP--061 Elastic Van Gieson -CP-SOP-062 Giemsa - CP-SOP-064 Gram-Twort -CP-SOP-066 Grocott's Hexamine Silver – CP-SOP-067 HVG - CP-SOP-074 Martius Scarlet Blue - CP-SOP-075 Masson Fontana - CP-SOP-076



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HUMAN BODY TISSUE AND FLUIDS (cont'd)	<u>Examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)	Macroscopic and Microscopic examination: Documented in house methods incorporating manufacturers' instructions where relevant:
Tissue samples (cont'd)	<u>Histopathology</u> (cont'd) Special staining for the identification of (cont'd): Hepatitis B Mucins, fungi and carbohydrates Ferric iron Reticulin fibres Mast Cells TB bacilli	Orcein - CP-SOP-078 Period Acid Schiff Reaction- CP-SOP-079 Perl's Prussian Blue -CP-SOP-080 Reticulin (James') - CP-SOP-065 Toluidine Blue - CP-SOP-081 Ziehl Neelsen – CP-SOP-082
Tissue samples and cell blocks	Immunocytochemistry for the identification of: Cytokeratins in epithelial cells Cytokeratins in epithelial cells Cytokeratins in epithelial cells Endothelial cells Loss of protein expression in Lynch syndrome Loss of protein expression in Lynch syndrome Loss of protein expression in Lynch syndrome Loss of protein expression in Lynch syndrome Protein present in lymphocytes Squamous epithelial cells, SCC Squamous epithelial cells Vascular endothelial cells, follicular dendritic cells	Automated Immunocytochemistry using Ventana Benchmark CP-SOP-111 Incorporating the following antibodies: 34BE12 AE1/3 BerEP4 CD31 MLH1 PMS2 MSH2 MSH6 BCL-2 P16 P40 D240 (Podoplanin)



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Tissue samples and cell blocks (cont'd)	<u>Histopathology</u> (cont'd) Immunochemistry for the identification of (cont'd): Protein in mesothelial cells Cytokeratins in epithelial cells Antigen on T lymphocytes Antigen on some lymphoid cells ID of B and T cell malignancies Antigen on B lymphocytes Reed-Sternberg cells Endothelial cells Endothelial cells Nerve and neuroendocrine cells Macrophages and mononuclear cells Antigen in intestinal epithelium Protein in gastro-intestinal cells Granules in neuroendocrine cells Cytokeratin in epithelium Cytokeratin in specific epithelium Cytokeratin in gastro-intestinal cells	Automated Immunohistochemistry using Ventana Benchmark CP-SOP-111 Incorporating the following antibodies: Calretinin CAM CD3 CD10 CD 5 CD20 CD30 CD31 CD34 CD56 CD68 CDX2 CEA CHROMOGRANIN CK 5/6 CK7 CK20



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Tissue samples and cell blocks (cont'd)	<u>Histopathology</u> (cont'd) Immunocytochemistry for the identification of (cont'd): Smooth and striated muscle cells Protein in epithelial cells Protein in epithelial cells Nuclear receptor Activated/neoplastic melanocytes Nuclear protein in proliferating cells Lymphocytes Cytokeratin in epithelial cells Nuclear protein in epithelial cells Antigen in melanocytes Enzyme produced by trophoblasts Nuclear receptor Protein in prostatic epithelium Protein in nerve cells Smooth muscle cells Smooth muscle cells	Automated Immunohistochemistry using Ventana Benchmark CP-SOP-111 incorporating the following antibodies : DESMIN E-CADHERIN EMA ER HMB45 KI67 CD45 MNF116 P63 MELAN A PLAP PR PSA PSAP S100 SMA SMM



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HUMAN BODY TISSUE AND FLUIDS (cont'd)	<u>Examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)	Macroscopic and Microscopic examination: Documented in house methods incorporating manufacturers' instructions where relevant:
Tissue samples and cell blocks (cont'd)	<u>Histopathology</u> (cont'd) Immunohistochemistry for the identification of (cont'd): Granules in neuroendocrine cells Nuclear protein in lung and thyroid Filament in mesenchymal cells Protein in specific tissues Mantle zone B cells, germinal centre B cells, plasma cells Differentiating B cells Mature T cells, T cell lymphomas Neutrophils, eosinophils, macrophages, R-S cell in Hodgkins lymphoma B cells, some T cells Expressed in variety tumours Colon adenoca Cytomegalovirus infected cells	Automated Immunohistochemistry using Ventana Benchmark CP-SOP-111 incorporating the following antibodies : SYNAPTOPHYSIN TTF-1 VIMENTIN WT1 CD79a CD138 CD5 CD15 CD23 Cyclin D1 P53 CMV



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Body fluids/Fine needle aspirations	<u>Non-gynae Cytopathology</u> Diagnostic Cytology examination for cell morphology changes/abnormalities and diagnosis for the purposes of disease identification	Centrifugation, staining and microscopy Thermo Centra CL2 centrifuge CP-EQU-008 Shandon cytospin 4 CP-EQU-009 Sakura staining machine – Papanicolaou stain only CP-SOP-036 Diff-Quick staining CP-SOP-037
Slides prepared in-house from sample types listed above	Morphological assessment and interpretation/diagnosis	Microscopy (qualitative analysis) In-house procedures: CP-SOP-029-Reporting Results
Lymph nodes from Breast	<u>Molecular Techniques</u> Detection of CK19 mRNA expression	RD-210i OSNA System including IPU, monitor and keyboard uses Rapid nucleic acid amplification technology (RT-LAMP) CP-SOP-043-OSNA RD-210 OSNA (One stop nucleic acid amplification) system CP-SOP-043
END		