

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>UKAS</b> MEDICAL 8130 Accredited to ISO 15189:2022	<b>North Bristol NHS Trust</b>	
	Issue No: 006    Issue date: 12 January 2026	
	<b>Cellular Pathology</b> Southmead Hospital Westbury on Trym Bristol BS10 5NB	<b>Contact: Saima Rasib</b> Tel: +44 (0) 117 41 49849 E-Mail: <a href="mailto:saima.rasib@nbt.nhs.uk">saima.rasib@nbt.nhs.uk</a> Website: <a href="http://www.nbt.nhs.uk/severn-pathology">www.nbt.nhs.uk/severn-pathology</a>

**Testing performed by the Organization at the locations specified below**

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

Location details	Activity	Location code
<b>Address</b> Cellular Pathology Southmead Hospital Westbury on Trym Bristol BS10 5NB  <b>Local contact</b> Saima Rasib Tel: +44 (0) 117 41 49849 E-Mail: <a href="mailto:saima.rasib@nbt.nhs.uk">saima.rasib@nbt.nhs.uk</a>	Histopathology Diagnostic Cytopathology Gynaecological Cytopathology Rapid frozen section for intra-operative diagnosis FNA material/slide preparation and cellularity assessment	A

#### Site activities performed away from the locations listed above:

Location details	Activity	Location code
<b>Address</b> Cellular Pathology Bristol Royal Infirmary Marlborough Street Bristol BS2 8HW  <b>Local contact</b> Saima Rasib Tel: +44 (0) 117 41 49849 E-Mail: <a href="mailto:saima.rasib@nbt.nhs.uk">saima.rasib@nbt.nhs.uk</a>	Dissection and preparation and reporting of biopsies Diagnostic cytology, screening and reporting of urgent Head and Neck biopsies Rapid frozen section for intra-operative diagnosis	C



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES AND FLUIDS	<u>Histopathology</u>	Macroscopic and microscopic examination using documented in-house procedures in conjunction with manufacturer's instructions (where relevant)	A
Formalin fixed tissues	Preparation and examination to identify or exclude morphological and cytological abnormalities	<u>Macroanalysis and dissection</u> Leica IPC Cassette writer and in-house procedures: CP-HiCU-SOP-017 CP-HiCU-SOP-018  CP-HiCU-SOP-4 Bone Marrow trephine CP-HiCU-SOP-5 Thorasic CP-HiCU-SOP-6 Cystectomy and Cytoprostatectomy CP-HiCU-SOP-7 Testes CP-HiCU-SOP-8 Kidney CP-HiCU-SOP-9 Adrenal CP-HiCU-SOP-13 GI CP-HiCU-SOP-14 Skin CP-HiCU-SOP-16 Bone and soft tissue CP-HiCU-SOP-31 Prostate CP-HiCU-SOP-32 Penile  CP-HiCU-SOP-37 Placenta CP-HiCU-SOP-51 Gynae CP-HiCU-SOP-53 Thyroid CP-HiCU-SOP-54 Parathyroid CP-HiCU-SOP-55 Head and Neck CP-HiCU-SOP-77 Breast	A, C
		<u>Tissue processing</u> Automated method using Leica Peloris tissue processors CP-HiML-SOP-57	A



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HUMAN TISSUES AND FLUIDS (cont'd)	<u>Histopathology</u> (cont'd)  Preparation and examination to identify or exclude morphological and cytological abnormalities (cont'd)	Macroscopic and microscopic examination using documented in-house procedures in conjunction with manufacturer's instructions (where relevant)  <u>Embedding</u> Manual method using Leica EG115H/E1150C, EG1160 and Histocare Arcadia embedding centres and in-house procedure: CP-HiML-SOP-19  <u>Microtomy</u> Automated method using Leica RM2135/2235/2245/2255 microtomes and in-house procedure: CP-HiML-SOP-20	A
Formalin fixed, paraffin embedded (FFPE) tissue	Routine morphological staining	<u>Routine Haematoxylin and Eosin staining</u> and coverslipping using: Leica Autostainer CV5030 and XL ST5020/CV5030 stainer / cover slippers and in-house procedure: CP-HiML-SOP-21 CP-HiML-SOP-22	A
Fresh Tissue Frozen Tissue	Intra-operative diagnosis	<u>Rapid Frozen Section</u> Leica CM1950 Leica CM1850 UV using manual Haematoxylin and Eosin (H and E) stain with in-house procedure: CP-HiCU-SOP-20 CP-HiCU-SOP-12	A C



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<p>HUMAN TISSUES AND FLUIDS (cont'd)</p> <p>Formalin fixed, paraffin embedded (FFPE) tissue</p>	<p><u>Histopathology</u> (cont'd)</p> <p>Preparation and examination to identify or exclude morphological and cytological abnormalities (cont'd)</p> <p>Detection of:</p> <p>Acid and neutral mucins</p> <p>Amyloid</p> <p>Haematopoietic cells</p> <p>H. pylori</p> <p>Reticulin fibres</p> <p>Gram positive and negative bacteria</p> <p>Basement membrane, Fungi</p> <p>General morphology nuclei, cytoplasm &amp; connective tissue</p> <p>General morphology nuclei, cytoplasm &amp; connective tissue</p> <p>Connective tissue collagen</p>	<p>Macroscopic and microscopic examination using documented in-house procedures in conjunction with manufacturer's instructions (where relevant)</p> <p><u>Special Staining</u> Manual Techniques using in-house procedures and the following stains:</p> <p>Alcian blue-PAS CP-HiSD-SOP-ABPASD</p> <p>Congo red CP-HiSD-SOP-CR</p> <p>Giemsa CP-HiSD-SOP-Giemsa</p> <p>Giemsa modified CP-HiSD-SOP-ModifiedGiemsa</p> <p>Gordon and Sweets reticulin stain CP-HiSD-SOP-Retic</p> <p>Gram CP-HiSD-SOP-Gram</p> <p>Grocott methenamine silver CP-HiSD-SOP-Grocott</p> <p>Haematoxylin and eosin manual CP-HiSD-SOP-Manual</p> <p>Haematoxylin and eosin rapid CP-HiSD-SOP-Rapid</p> <p>Haematoxylin Van Gieson HVG CP-HiSD-SOP-HVG</p>	<p>A</p>



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HUMAN TISSUES AND FLUIDS (cont'd)	<u>Histopathology</u> (cont'd) Preparation and examination to identify or exclude morphological and cytological abnormalities (cont'd)	Macroscopic and microscopic examination using documented in-house procedures in conjunction with manufacturer's instructions (where relevant)	A
FFPE Tissue (cont'd)	Detection of: (cont'd)	<u>Special Staining</u> Manual (cont'd)	
	Fibrin & connective tissue	Martius scarlet blue MSB CP-HiSD-SOP-MSB	
	Melanin	Masson Fontana CP-HiSD-SOP-MassonFontana	
	Connective tissue	Masson Trichrome CP-HiSD-SOP-MBT	
	Removal of melanin pigment	Melanin Bleach CP-HiSD-SOP-MelaninBleach	
	Elastic fibres & connective tissue	Miller's elastic Van Gieson EVG CP-HiSD-SOP-EVG	
	Neutral mucins	Oil red O CP-HiSD-SOP-OilRedO	
	Hepatitis B surface antigen and copper associated protein	Orcein (Shikata) CP-HiSD-SOP-Orcein	
	Polysaccharides including glycogen	Periodic acid Schiff PAS CP-HiSD-SOP-PAS	
	Basement membrane	Periodic acid silver PAAG CP-HiSD-SOP-PAAG	
	Haemosiderin	Perl's Prussian blue CP-HiSD-SOP-Perls	
	Mast cells	Toluidine blue CP-SHIS-SOP-004 (no26)	



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HUMAN TISSUES AND FLUIDS (cont'd)	<u>Histopathology (cont'd)</u> Preparation and examination to identify or exclude morphological and cytological abnormalities (cont'd)	Macroscopic and microscopic examination using documented in-house procedures in conjunction with manufacturer's instructions (where relevant)	A
FFPE Tissue (cont'd)	Detection of: (cont'd)	<u>Special Staining Manual (cont'd):</u>	
	Calcium salts	Von Kossa CP-SHIS-SOP-004 (no 28)	
	Atypical mycobacteria	Wade Fite CP-SHIS-SOP-004 (no29)	
	Acid fast bacilli	Ziehl-Neelsen ZN CP-HiSD-SOP-ZN	
FFPE Tissue	Detection of the following:	<u>Immunohistochemistry</u> Automated methods using Bond III IHC instruments using in-house procedures: CP-HiSD-SOP-ICC CP-HiSD-SOP-36	
		Incorporating the following antibodies:	
	High MW Cytokeratin	34BE12	
	Pan-cytokeratin CK1-8, 10, 14-16 and 19	AE1/3	
	Adenovirus	Adenovirus	
	Carcinoma marker liver, kidney, colon & prostate	AMACR P504s	
	Carcinoma marker prostate	AMACR/34BE12/P63 PIN cocktail	
	Amyloid	Amyloid A component	
	Germ Cell Tumours	Alpha Feto Protein (AFP)	



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<p>HUMAN TISSUES AND FLUIDS (cont'd)</p> <p>FFPE Tissue (cont'd)</p>	<p><u>Histopathology (cont'd)</u></p> <p>Preparation and examination to identify or exclude morphological and cytological abnormalities (cont'd)</p> <p>Detection of the following: (cont'd)</p> <p>Human p80 protein</p> <p>T-cells, B-cells in the mantle zone</p> <p>Follicular centre B-cells</p> <p>B cells, plasma cells follicular lymphomas and lymphomas</p> <p>Marker in renal glomerulopathy</p> <p>Marker in renal glomerulopathy</p> <p>Marker in renal glomerulopathy</p> <p>Ovarian epithelial malignancies, seminal vesicle carcinoma, anaplastic lymphoma</p> <p>Medullary Thyroid Tumours</p> <p>Mesothelial cell lining</p>	<p>Macroscopic and microscopic examination using documented in-house procedures in conjunction with manufacturer's instructions (where relevant)</p> <p><u>Immunohistochemistry</u> Automated methods using Bond III IHC instruments using in-house procedures: CP-HiSD-SOP-ICC CP-HiSD-SOP-36</p> <p>Incorporating the following antibodies:</p> <p>ALK-1 (Lymphoma)</p> <p>bcl-2</p> <p>bcl-6</p> <p>BOB -1</p> <p>C1q (renal)</p> <p>C3c (renal)</p> <p>C4d (renal)</p> <p>Ca 125</p> <p>Calcitonin</p> <p>Calretinin</p>	<p>A</p>



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HUMAN TISSUES AND FLUIDS (cont'd)	<u>Histopathology (cont'd)</u> Preparation and examination to identify or exclude morphological and cytological abnormalities (cont'd)	Macroscopic and microscopic examination using documented in-house procedures in conjunction with manufacturer's instructions (where relevant)	A
FFPE Tissue (cont'd)	Detection of the following: (cont'd)	<u>Immunohistochemistry</u> Automated methods (cont'd) Bond III IHC instruments and in-house procedures: CP-HiSD-SOP-ICC CP-HiSD-SOP-36	
	Epithelial cells, low molecular weight	CAM5.2	
	T-cell marker	CD2	
	T-cell marker	CD3	
	T-helper cells	CD4	
	T-cells, B-cells in the mantle zone	CD5	
	Cytotoxic T-cells	CD8	
	Mature B cells, follicular dendritic cells, CALLA	CD10	
	Dendritic cells	CD11c	
	Immature B lymphocytes	CD15	
	B-cell marker	CD20	
	Mature B-cells and FDC	CD21	
	FDC and EBV transformed blasts	CD23	
	Inflammatory and malignant conditions	CD25	
	RS cells	CD30	



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FFPE Tissue (cont'd)	Detection of the following: (cont'd)	<u>Immunohistochemistry</u> Automated methods (cont'd) Bond III IHC instruments and in-house procedures: CP-HiSD-SOP-ICC CP-HiSD-SOP-36	
	Endothelial Cell Marker	CD31	
	Endothelial marker	CD34	
	T-cell and myeloid cells	CD43 (MT1)	
	Leukocyte common antigen	CD45 (LCA)	
	Neutral cell adhesion molecule	CD56	
	Platelet glycoprotein IIIa	CD61	
	Macrophages	CD68 (KP1)	
	Monocytes & Macrophages	CD68 (PG-M1)	
	Mast cells and GIST	CD117	
	Plasma cells	CD138	
	B-cell marker	CD79a	
	Ewings sarcoma, T cell Lymphoma	CD99	
	Intestinal epithelial cells, colorectal + other adenocarcinomas	CDX2	
	Carcinoembryonic antigen	CEA	
	Neuroendocrine	Chromogranin A	



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FFPE Tissue (cont'd)	Detection of the following: (cont'd)	<u>Immunohistochemistry</u> Automated methods (cont'd) Bond III IHC instruments and in-house procedures: CP-HiSD-SOP-ICC CP-HiSD-SOP-36	
	Gastrointestinal epithelia	CK20	
	Squamous and myoepithelial cells	CK5/6	
	Normal and neoplastic epithelia	CK7	
	Stratified epithelial cells	CK14	
	Epithelial cells, low molecular weight	CK8/18	
	Cytomegalovirus infected cells	CMV	
	Aggressive B cell lymphoma likely to harbour a c Myc rearrangement	C-Myc	
	Mantle cell lymphoma	Cyclin D1	
	Classification of lymphatic invasion of primary tumours	D2-40	
	Striated and smooth muscle cells	Desmin	
	Normal and neoplastic epithelium	EMA	



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FFPE Tissue (cont'd)	Detection of the following: (cont'd)	<u>Immunohistochemistry</u> Automated methods (cont'd) Bond III IHC instruments and in-house procedures: CP-HiSD-SOP-ICC CP-HiSD-SOP-36	
	Lymphatic endothelium	Factor VIII	
	Fibrohistiocytic Tumour	Factor XIIIa	
	Erythroid cells, erythroleukemia	Glycophorin A	
	Hepatocellular carcinomas(HCC), yolk sac tumours	Glypican-3	
	Cytotoxic T cells granules	Granzyme B	
	Smooth muscle	h-Caldesmon	
	Trophoblasts	HCG	
	GVHD Skin	HLA-DP, DQ, DR	
	Melanosomes	HMB 45	
	Helicobacter pylori	H. pylori	
	Immunoglobulin G	IgG	



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FFPE Tissue (cont'd)	Detection of the following: (cont'd)	<u>Immunohistochemistry</u> Automated methods (cont'd) Bond III IHC instruments and in-house procedures: CP-HiSD-SOP-ICC CP-HiSD-SOP-36	
	Melanoma, neuroendocrine cells	S100	
	Smooth muscle cells	Smooth muscle actin	
	SV40 infected cells	SV40	
	Neuroendocrine marker	Synaptophysin	
	Early B-Cell, thymocyte marker	TdT	
	Lumen of thyroid follicles	Thyroglobulin	
	Cytotoxic T cell granule. Anaplastic large cell lymphoma	TIA-1	
	Levels of Trypsin in pancreas	TRYPSIN	
	Thyroid transcription factor-1	TTF-1	
	Mesenchymal marker	Vimentin	
	Wilms Tumour gene product	Wilms Tumour	



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FFPE Tissue (cont'd)	Detection of the following: (cont'd)	<u>Immunohistochemistry</u> Automated method using Roche Ventana Benchmark and in-house procedures:  Incorporating the following antibodies:	
	Progesterone Receptor	PR	
	Smooth muscle cells	Smooth muscle myosin	
	Mantle Cell lymphoma transcription factor	SOX11	
FFPE tissue on glass slides	Preparation and examination to identify or exclude morphological and cytological abnormalities	<u>In-Situ Hybridisation</u> Bond III IHC instruments CP-HiSD-SOP-36 CP-HiSD-SOP-BOND	
	Detection and identification of:		
	Latent EBV infection	EBER-ISH	
	Kappa light chains, light chain restriction or monoclonality	Kappa-ISH	
	Lambda light chains, light chain restriction or monoclonality	Lambda-ISH	



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<p>HUMAN TISSUES AND FLUIDS (cont'd)</p> <p>Slides prepared in-house from sample types above</p>	<p><u>Histopathology (cont'd)</u></p> <p>Preparation and examination to identify or exclude morphological and cytological abnormalities (cont'd)</p> <p>Morphological assessment and interpretation/diagnosis</p>	<p>Macroscopic and microscopic examination using documented in-house procedures in conjunction with manufacturer's instructions (where relevant)</p> <p>Microscopy (qualitative analysis) In-house procedures:</p> <p>CP-QMS-SOP-23 Report content CP-QMS-SOP-25 Double reporting using:</p> <p>Leica DM1000 Leica DM2000 Leica DM2500 Leica DM3000 Leica DM4000 Leica DMLB Leica DMLB2 Leica DMLS Leica DMRB Leica DMR Laborlux S Nikon E600 Nikon Eclipse 400 Nikon Eclipse 50i Nikon Eclipse 80i Nikon Eclipse Ci-E Nikon Eclipse E400 Nikon Eclipse E600 Olympus BH2 Olympus BX40 Olympus BX40CY Olympus BX40CYF2 Olympus BX41 Olympus BX45 Olympus BX45TF Olympus CX40RF200</p>	<p>A, C</p>



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

**North Bristol NHS Trust**

**Issue No: 006 Issue date: 12 January 2026**

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<p>HUMAN TISSUES AND FLUIDS (cont'd)</p> <p>Skin biopsies</p>	<p><u>Histopathology (cont'd)</u></p> <p>Preparation and examination to identify or exclude morphological and cytological abnormalities (cont'd)</p> <p>Detection and identification of antigens and antibodies:</p> <p>IgA</p> <p>IgG</p> <p>IgM</p> <p>C3 Complement</p> <p>C1q Complement</p>	<p>Macroscopic and microscopic examination using documented in-house procedures in conjunction with manufacturer's instructions (where relevant)</p> <p>Using Leica CM1950 Microtome and Leica microscope with UV attachment and filters to enable viewing of fluorescein isothiocyanate (FITC) with in-house procedures: CP-HiSD-SOP-6 CP-HiSD-SOP-27</p> <p>FITC conjugated anti Human IgA</p> <p>FITC conjugated anti Human IgG</p> <p>FITC conjugated anti Human IgM</p> <p>FITC conjugated anti Human C3</p> <p>FITC conjugated anti Human C1q</p>	<p>A</p>



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<p>HUMAN TISSUES AND FLUIDS (cont'd)</p> <p>Cervical Cytology samples (Gynae)Cervical/Vaginal cells</p> <p>Slides prepared in-house from sample types listed above</p> <p>Cervical Cytology samples Vaginal/Cervical cells</p>	<p><u>Gynaecological Cytology</u></p> <p>Preparation and screening to identify or exclude morphological and cytological abnormalities (cont'd)</p> <p>Morphological assessment and interpretation/diagnosis</p> <p>Detection of high-risk HPV mRNA</p>	<p><u>Liquid based Cytology processing</u> Automated method using T5000 processor and in-house procedure: CP-CyCer-SOP-41 T2000 processor CP-CyCer-SOP-4 Leica ST5020/CV5030 stainer and coverslipper CP-CyCer-SOP-42 CP-CyCer-SOP-43</p> <p><u>Papanicolaou staining</u> CP-CyCER-SOP58</p> <p><u>Microscopy qualitative analysis</u> In-house procedures: CP-CyCER-SOP-76 using microscopes listed above</p> <p>Hologic Tomcat aliquotter and Hologic Panther Nucleic Acid Amplification Test (NAAT) using APTIMA HPV Assay and in-house procedure: CP-CyMol-SOP-14, CP-CyMOI-SOP-15</p>	<p>A</p>



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<p>HUMAN TISSUES AND FLUIDS (cont'd)</p> <p>Fluids Brushings Imprints, Fine-needle aspirations CSF Urine</p> <p>Slides prepared from sample types listed above</p> <p>Slides prepared from sample types listed above</p> <p>Synovial fluid</p> <p>Stained slides prepared in-house from sample types above</p>	<p><u>Diagnostic Cytology</u></p> <p>Preparation and screening to identify or exclude morphological and cytological abnormalities (cont'd)</p> <p>Identification of crystals: Monosodium urate Calcium pyrophosphate Basic Calcium Phosphate Cholesterol</p> <p>Morphological assessment and Interpretation/diagnosis</p>	<p><u>Preparation/Centrifugation</u> Manual method using:  Hettich Rotina 46 centrifuge and in-house procedure: CP-CyNG-SOP-4  Thermo Shandon Cytospin4 cytocentrifuge and in-house procedure: CP-CyNG-SOP-36  <u>Papanicolaou staining</u>  Automated method using Leica ST5020/CV5030 Stainer and Coverslipper And in-house procedures: CP-CyNG-SOP-42 CP-CyNG-SOP-43  <u>Romanowsky Stains:</u> Giemsa and May Grunwald Giemsa CP-CyNG-SOP-7  Polarising microscopy manual method using: Leica DMLB microscope with compensated polarised filter and in-house procedure: CP-CyNG-SOP-50  <u>Microscopy (qualitative analysis)</u> in house procedure CP-CyNG-SOP-50 and microscopes listed above</p>	A
END			