

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>9862</p> <p>Accredited to ISO 15189:2022</p>	<p>Leeds Teaching Hospitals NHS Trust</p> <p>Issue No: 018 Issue date: 24 November 2025</p> <table><tr><td>Leeds General Infirmary Old Medical School Great George Street LS1 3EX</td><td>Contact: Helen Pritchett Tel: +44 (0)113 39 69415 E-Mail: h.pritchett@nhs.net Website: https://www.leedsth.nhs.uk/services/pathology/</td></tr></table>	Leeds General Infirmary Old Medical School Great George Street LS1 3EX	Contact: Helen Pritchett Tel: +44 (0)113 39 69415 E-Mail: h.pritchett@nhs.net Website: https://www.leedsth.nhs.uk/services/pathology/
Leeds General Infirmary Old Medical School Great George Street LS1 3EX	Contact: Helen Pritchett Tel: +44 (0)113 39 69415 E-Mail: h.pritchett@nhs.net Website: https://www.leedsth.nhs.uk/services/pathology/		
<p>Testing performed by the Organisation at the locations specified below</p>			

Locations covered by the organisation and their relevant activities

Local Contact information:

Contact information	Department
Tahir Idrees E-Mail: tahir.idrees1@nhs.net	Cellular Pathology
James Steer E-Mail: leedsth-tr.dna@nhs.net Tel: +44 (0)1132 065205	Genetics



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Laboratory locations:

Location details	Department	Activity	Location code
Address Chancellor Wing St James's University Hospital Beckett Street LS9 7TF	Cellular Pathology	non-gynaecological cytology Reporting of the above Muscle / nerve histopathology, enzyme histochemistry	SJUH
Bexley Wing St James' University Hospital Beckett Street Leeds LS9 7TF	Cellular Pathology	Routine diagnostic service for histopathology (including neuropathology and paediatric pathology) Reporting of the above and non gynae cytology Out of hours on call service for urgent frozen sections / diagnosis	BEX
	Genetics	FISH testing, DNA extraction and quantification, NGS library preparation	
Seacroft Hospital York Road Leeds West Yorkshire LS14 6UH	Cellular Pathology	Andrology (post vasectomy and infertility investigation).	SEA
Yorkshire and North East Genomic Laboratory Hub Central Lab Ashley Wing St James's University Hospital Leeds LS9 7TF	Genetics	Molecular and Cytogenetics testing	ASH



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Additional site activity performed away from the laboratory:

Location details	Activities
On-site Mortuary and Body Store, St James' University Hospital	Storage of bodies Viewing facilities Record keeping (body identification and audit trail)
On-site Mortuary and Body Store, Leeds General Infirmary	



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN BODY TISSUE AND FLUIDS	<u>Examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u>	Macroscopic and Microscopic examination: Documented in house methods incorporating manufacturers' instructions where relevant:	
Body fluids / Fine needle aspirations, urines and bronchial/ sputum samples	<u>Diagnostic Non Gynae Cytopathology</u>	Sample preparation (Rotina 380 centrifuge, , Shandon cytospin 4): CPATH-SOP-CYTO-2 Preparation of Non Gynae Samples CPATH-SOP—HP-107 Preparation of Cell blocks	SJUH
	Visualisation of nuclear detail in cells present	CPATH-SOP-CYTO-15 H&E (automated using Jung Autostainer) CPATH-COSH-10 Papanicolaou (automated using Jung Autostainer) CPATH-COSH-12 Rapid Romanowsky Stain	SJUH
Slides prepared in house as above	Morphological assessment and interpretation/diagnosis	CPATH-SOP-CYTO-8 Medical reporting of Non-Gynae cytology	BEX



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN BODY TISSUE AND FLUIDS (cont'd)	<p><u>Examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)</p> <p><u>Histopathology</u></p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Tissue dissection:</p> <p>CPATH-SOP-HP-156 Cut Up of Specimens by Biomedical Scientists</p> <p>HPSOP 0305 Cut Up of Specimens by Medical Staff</p> <p>CPATH-SOP-HP-125</p> <p>CPATH-REC-527 Guidelines For Inflating A Lung</p> <p>CPAYH-SOP-HP-65 Handling of CJD Specimens</p> <p>CPATH-SOP-HP-125 Further Blocks</p> <p>CPATH-REC-526 Guidelines for Opening a Fresh Uterus</p> <p>CPATH-REC-527 Guidelines on Opening a Kidney</p> <p>CPATH-SOP-HP-66 Renal Biopsy Procedure</p> <p>CPATH-SOP-MED-1 Dissection of gall bladder resection specimens</p> <p>CPATH-SOP-MED-2 Dissection of appendiceal resection specimens</p> <p>CPATH-SOP-MED-30 Cut up of gynae specimens</p>	BEX



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
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 dissection: CPATH-SOP-MED-31 Operations for Hirschsprung's Disease and Other Motility Abnormalities CPATH-SOP-MED-32 Handling paediatric tumours in the laboratory CPATH-SOP-MED-33 Reporting of placental examination (unaccompanied by a fetus) X-ray/photography (Breast cases only) (Faxitron): Decalcification: CPATH-SOP-HP-24 Decalcification of Specimens CPATH SOP-HP-24 X-raying of Decalcification Samples CPATH-SOP-HP-24 Chemical End Point Testing of Decalcification Samples	
Tissue / organs (cont'd)	<u>Histopathology</u> (cont'd)	Tissue processing: CPATH-SOP-HP-26 Processing tissue using the Leica Peloris tissue processor (routine & big blocks & long process)	BEX BEX BEX



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN BODY TISSUE AND FLUIDS (cont'd) Tissue / organs (cont'd)	<p><u>Examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)</p> <p><u>Histopathology</u> (cont'd)</p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Tissue processing:</p> <p>CPATH-SOP-HP-160 Processing tissue using the Sakura X-Press (small urgent biopsies and neuropath specimens)</p> <p>Embedding:</p> <p>CPATH-SOP-HP-109 Embedding paraffin wax impregnated tissues</p> <p>Microtomy:</p> <p>CPATH-SOP-HP-114 Sectioning using rotary microtome</p> <p>CPATH-SOP-HP-28 Sectioning using automated microtome</p> <p>CPATH-SOP-HP-28 Sectioning of Problem Blocks</p> <p>CPATH-SOP-HP-27 Sections/levels required for particular tissue types</p> <p>Frozen Sections:</p> <p>CPATH-SOP-HP-22 Leica 1950 cryostat</p> <p>CPATH-SOP-HP-23 Specimens Requiring Frozen Sections</p> <p>CPATH-SOP-HP-18 Preparation of Split Skin Biopsies for Immunofluorescence</p>	BEX



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
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 / organs (cont'd)	<u>Histopathology</u> (cont'd)	Frozen Sections: CPATH-SOP-HP-23 Processing and Embedding of Alopecia Cases and other Paraffins CPATH-SOP-MED-43 Protocol for Transplant Donor Lesion Biopsies – Frozen Sections	BEX
Tissue	Identification of basophilic and eosinophilic structures	Routine Haematoxylin and Eosin Staining Automated: CPATH-SOP-HP-63 Use and maintenance of Spectra Autostainer/coverslipper Manual: CPATH-SOP-HP-4 Mayers haematoxylin and eosin for rapid method for frozen sections	
Tissue	<u>Histopathology - Identification of:</u> Acid and neutral mucins Diastase resistance acidic and neutral mucins Mucins, glycogen Diastase resistance mucin Basement membranes, fungi	Automated: CPATH-SOP-HP-54HPSOP 657 Use of theAgilent Artisan Link Pro for Special stain techniques ABPAS ABPAS+D PAS DPAS ExPAS	BEX



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN BODY TISSUE AND FLUIDS (cont'd) Tissue (cont'd)	<p><u>Examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)</p> <p><u>Histopathology - Identification of:</u> (cont'd)</p> <p>Basement membranes, fungi</p> <p>Fungi</p> <p>Iron (ferric)</p> <p>Reticulin fibers</p> <p>Spirochettes, H.Pylori</p> <p>Amyloid</p> <p>Copper/Hepatitis B</p> <p>Sulphated acid mucins</p> <p>Acid mucins</p> <p>Acid mucins/connective tissue</p> <p>Acid mucins/connective tissue/elastic</p> <p>AL amyloid</p> <p>Nissl granules and neurones</p> <p>Elastic/connective tissue</p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Automated: CPATH-SOP-HP-54 Use of the Artisan Link Pro for Special stain techniques</p> <p>ExDPAS</p> <p>Grocott</p> <p>Perls</p> <p>Retic</p> <p>Warthin & Starry</p> <p>Congo Red</p> <p>Manual staining:</p> <p>Orcein</p> <p>CPATH-SOP-HP-29 Alcian blue pH1.0</p> <p>CPATH-SOP-HP-30 Alcian blue pH2.5</p> <p>CPATH-SOP-HP-31 Alcian blue van gieson</p> <p>CPATH-SOP-HP-53 Alcian blue elastic van gieson</p> <p>CPATH-SOP-HP-32 Congo red potassium permanganate</p> <p>CPATH-SOP-HP-33 Cresyl violet</p> <p>CPATH-SOP-HP-34 Elastic van gieson</p>	BEX



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN BODY TISSUE AND FLUIDS (cont'd) Tissue (cont'd)	<p><u>Examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)</p> <p><u>Histopathology - Identification of</u> (cont'd):</p> <p>H Pylori</p> <p>Bone marrow</p> <p>Gram positive bacteria</p> <p>Gram positive and negative bacteria</p> <p>General tissue morphology</p> <p>Collagen/muscle</p> <p>Acid mucin</p> <p>Myelin</p> <p>Melanin</p> <p>Muscle/collagen</p> <p>Paired sections identifies melanin pigment</p>	Macroscopic and Microscopic examination: Documented in house methods incorporating manufacturers' instructions where relevant: Manual special staining: CPATH-SOP-HP-35 Giemsa-modified CPATH-SOP-HP-37 Giemsa-overnight CPATH-SOP-HP-37 Grams technique CPATH-SOP-HP-38 Gram twort CPATH-SOP-HP-4 Mayers Haematoxylin and Eosin CPATH-SOP-HP-39 Haematoxylin van gieson CPATH-SOP-HP-52 Hales colloidal iron CPATH-SOP-HP-40 Luxol fast blue Haematoxylin and Eosin CPATH-SOP-HP-41 Masson Fontana CPATH-SOP-HP-42 Masson Trichrome CPATH-SOP-HP-43 Melanin bleach	BEX



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN BODY TISSUE AND FLUIDS (cont'd) Tissue (cont'd)	<p><u>Examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)</p> <p><u>Histopathology - Identification of</u> (cont'd):</p> <p>Fibrin/connective tissue</p> <p>Copper</p> <p>Fat</p> <p>Mast cells</p> <p>Calcium</p> <p><i>Mycobacterium leprae</i></p> <p>Tubercle bacilli</p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Manual special staining:</p> <p>CPATH-SOP-HP-44 MSB</p> <p>CPATH-SOP-HP-45 Rhodanine technique</p> <p>CPATH-SOP-HP-46 Sudan IV</p> <p>CPATH-SOP-HP-48 Toluidine blue</p> <p>CPATH-SOP-HP-49 Von Kossa</p> <p>CPATH-SOP-HP-50 Wade fite</p> <p>CPATH-SOP-HP-50 Ziehl Neelsen</p>	BEX



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
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 and cell blocks	<u>Histopathology – identification of:</u> Amyloid deposits Lung cancer Marker of normal thyroid/lung tumours	Automated Immunohistochemical staining, PTLink/Autostainer CPATH-SOP-HP-55 Preparation of Primary antibodies and associated reagents CPATH-SOP-HP-56 DAKO Autostainer Link 48 CPATH-SOP-HP-57 DAKO PTLinks for antigen retrieval Using the following monoclonal, polyclonal and cocktail antibodies: AMYLOID-A PDL-1 TTF-1	BEX
	A1-AT deficiency Pituitary hormone Epithelial marker Primary liver tumours/yolk sac tumours Prostate cancer Prostate/breast marker	Automated Immunohistochemical staining, Leica Bond III Immunostainer using the following monoclonal, polyclonal and cocktail antibodies: CPATH-SOP-HP-61 Use of Leica Bond III Immunostainer A1-AT ACTH AE1/3 AFP AMACR ANDROGEN R	



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN BODY TISSUE AND FLUIDS (cont'd) Tissue and cell blocks (cont'd)	<p><u>Examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)</p> <p><u>Histopathology – identification of</u> (cont'd):</p> <p>Lewy bodies /Parkinsons disease</p> <p>Melanocytic lesions</p> <p>Neuronal damage</p> <p>Marker for apoptosis</p> <p>Epithelial marker</p> <p>Senile plaques in Alzheimers disease</p> <p>Fibromatous lesions</p> <p>Germ cell tumours</p> <p>Marker of breast tumours</p> <p>Marker of ovarian tumours</p> <p>Tumours of GI tract and pancreas</p> <p>Marker of thyroid tumours</p> <p>Marker of smooth muscle</p> <p>Marker for mesothelioma</p> <p>Marker of rejection in renal/liver transplants</p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Automated Immunohistochemical staining, Leica Bond III Immunostainer using the following monoclonal, polyclonal and cocktail antibodies (cont'd):</p> <p>A-SYN</p> <p>BAP1</p> <p>BAPP</p> <p>BCL-2</p> <p>BER-EP4</p> <p>B-AMYLOID</p> <p>B-CATENIN</p> <p>B-HCG</p> <p>BRST-2 (GCDFP15)</p> <p>CA125</p> <p>CA19.9</p> <p>CALCITONIN</p> <p>CALDES</p> <p>CALRET</p> <p>C4D</p>	BEX



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN BODY TISSUE AND FLUIDS (cont'd) Tissue and cell blocks (cont'd)	<p><u>Examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)</p> <p><u>Histopathology – identification of</u> (cont'd):</p> <p>Langerhan cells</p> <p>T lymphocytes</p> <p>T helper lymphocytes</p> <p>T suppressor lymphocytes</p> <p>Lymphoid/endometrial malignancies</p> <p>Hogkins lymphoma</p> <p>B lymphocytes</p> <p>Lymphoma marker</p> <p>Hogkins lymphoma</p> <p>Endothelial marker</p> <p>Endothelial marker</p> <p>Lymphocyte marker</p> <p>Marker of nerve/neuroendocrine tumours</p> <p>Histiocytes/macrophages</p> <p>B lymphocytes</p> <p>Ewings sarcoma</p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Automated Immunohistochemical staining, Leica Bond III Immunostainer using the following monoclonal, polyclonal and cocktail antibodies (cont'd):</p> <p>CD1A</p> <p>CD3</p> <p>CD4</p> <p>CD8</p> <p>CD10</p> <p>CD15</p> <p>CD20</p> <p>CD21</p> <p>CD30</p> <p>CD31</p> <p>CD34</p> <p>CD45</p> <p>CD56</p> <p>CD68</p> <p>CD79a</p> <p>CD99</p>	BEX



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN BODY TISSUE AND FLUIDS (cont'd) Tissue and cell blocks (cont'd)	<p><u>Examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)</p> <p><u>Histopathology – identification of</u> (cont'd):</p> <p>Mesothelioma marker</p> <p>Histiocytes/macrophages</p> <p>GI tract tumours</p> <p>Epithelial marker</p> <p>Epithelial marker/liver tumour marker</p> <p>Neuroendocrine cells</p> <p>Epithelial marker</p> <p>Epithelial marker</p> <p>Epithelial marker</p> <p>Epithelial marker/mallory bodies</p> <p>Epithelial marker</p> <p>Epithelial marker</p> <p>Epithelial marker</p> <p>Gastrointestinal stromal tumour marker</p> <p>Cytomegalovirus infection</p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Automated Immunohistochemical staining, Leica Bond III Immunostainer using the following monoclonal, polyclonal and cocktail antibodies (cont'd):</p> <p>CD141</p> <p>CD163</p> <p>CDX2</p> <p>CEA-M</p> <p>CEA-P</p> <p>CHROMO</p> <p>CK5</p> <p>CK5/6</p> <p>CK7</p> <p>CK8/18</p> <p>CK14</p> <p>CK19</p> <p>CK20</p> <p>C-KIT (CD117)</p> <p>CMV</p>	BEX



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN BODY TISSUE AND FLUIDS (cont'd) Tissue and cell blocks (cont'd)	<p><u>Examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)</p> <p><u>Histopathology – identification of</u> (cont'd):</p> <p>Marker of basement membrane</p> <p>Marker of lymphatic channels</p> <p>Pan muscle marker</p> <p>Gastrointestinal stromal tumour marker</p> <p>Cell adhesion molecule</p> <p>Epidermal growth factor receptor</p> <p>Epithelial marker</p> <p>Estrogen receptor/ prognostic breast marker</p> <p>Vascular tumours</p> <p>Pituitary hormone</p> <p>Marker of gastrin producing tumours</p> <p>Glial cells benign and malignant</p> <p>Pituitary hormone</p> <p>Pancreatic tumour typing</p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Automated Immunohistochemical staining, Leica Bond III Immunostainer using the following monoclonal, polyclonal and cocktail antibodies (cont'd):</p> <p>COLL IV</p> <p>D2-40</p> <p>DES</p> <p>DOG-1</p> <p>E-CAD</p> <p>EGFR</p> <p>EMA</p> <p>ER</p> <p>ERG</p> <p>FSH</p> <p>GASTRIN</p> <p>GFAP</p> <p>GH</p> <p>Glucagon</p>	BEX



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN BODY TISSUE AND FLUIDS (cont'd) Tissue and cell blocks (cont'd)	<p><u>Examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)</u></p> <p><u>Histopathology – identification of (cont'd):</u></p> <p>Pancreatic tumour typing</p> <p>Adenoma v HCC</p> <p>Liver adenoma/HCC</p> <p>Hepatitis B infected cells</p> <p>Hepatitis B infected cells</p> <p>Marker of normal/malignant hepatocytes</p> <p>Marker of Her2 amplification in breast tumours.</p> <p>Melanoma marker</p> <p>Epithelial marker</p> <p>Marker for H pylori</p> <p>Marker for teratoma</p> <p>Herpes simlex 1 infection</p> <p>Brain tumours</p> <p>Lymphoma markers</p> <p>IgG4 disease marker</p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Automated Immunohistochemical staining, Leica Bond III Immunostainer using the following monoclonal, polyclonal and cocktail antibodies (cont'd):</p> <p>Glucagon</p> <p>Glutamine Synthetase</p> <p>Glypican-3</p> <p>HEP B c</p> <p>HEP B s</p> <p>HEPAR 1</p> <p>HER 2</p> <p>HMB45</p> <p>HMC</p> <p>HP</p> <p>HPL</p> <p>HSV 1</p> <p>IDH1</p> <p>IgA</p> <p>IgG</p> <p>IgM</p> <p>IgG4</p>	BEX



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN BODY TISSUE AND FLUIDS (cont'd) Tissue and cell blocks (cont'd)	<p><u>Examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)</u></p> <p><u>Histopathology – identification of (cont'd):</u></p> <p>Granulosa cell tumours Mucinous epithelial ovarian tumours</p> <p>Paediatric tumours</p> <p>Pancreatic tumours</p> <p>Lymphoma marker</p> <p>Proliferation marker</p> <p>Lymphoma marker</p> <p>Pituitary hormone</p> <p>Head and Neck tumour</p> <p>Melanoma marker</p> <p>Mismatch repair protein</p> <p>Epithelial marker</p> <p>MUC4 in tumours</p> <p>Marker for rhabdomyosarcoma</p> <p>Marker for rhabdomyosarcoma</p> <p>Neuronal marker</p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Automated Immunohistochemical staining, Leica Bond III Immunostainer using the following monoclonal, polyclonal and cocktail antibodies (cont'd):</p> <p>Inhibin</p> <p>INI-1</p> <p>Insulin</p> <p>KAPPA</p> <p>KI67</p> <p>Lambda</p> <p>LH</p> <p>Mammaglobin</p> <p>MEL-A</p> <p>MLH 1 MSH 2 MSH6</p> <p>MNF</p> <p>MUC4</p> <p>MYOD 1</p> <p>MYOGENIN</p> <p>N52</p>	BEX



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN BODY TISSUE AND FLUIDS (cont'd) Tissue and cell blocks (cont'd)	<p><u>Examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)</p> <p><u>Histopathology – identification of</u> (cont'd):</p> <p>Neuronal marker</p> <p>Neuronal marker</p> <p>Neuroectodermal marker</p> <p>Epithelial gynae tumours</p> <p>Marker of CIN</p> <p>Marker of wild type P53 in malignancy</p> <p>Marker of molar pregnancy</p> <p>Marker in breast/prostate tumours</p> <p>Infection with parvo virus</p> <p>Marker of neuroblastoma</p> <p>Marker of germ cell tumours</p> <p>Mismatch repair protein</p> <p>Polyoma virus infection I renal transplant patients</p> <p>Pituitary hormone</p> <p>Progesterone receptor/prognostic breast marker</p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Automated Immunohistochemical staining, Leica Bond III Immunostainer using the following monoclonal, polyclonal and cocktail antibodies (cont'd):</p> <p>NEU N</p> <p>NFP</p> <p>NSE</p> <p>PAX-8</p> <p>P16</p> <p>P53</p> <p>p57</p> <p>p63</p> <p>PARVO</p> <p>Phox 2B</p> <p>PLAP</p> <p>PMS2</p> <p>POLYOMA SV40</p> <p>PROLACTIN</p> <p>PR</p>	BEX



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN BODY TISSUE AND FLUIDS (cont'd) Tissue and cell blocks (cont'd)	<p><u>Examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)</u></p> <p><u>Histopathology – identification of (cont'd):</u></p> <p>Marker of normal/malignant prostate</p> <p>Marker of normal/malignant prostate</p> <p>Marker of parathyroid tumours</p> <p>Marker of ovarian malignancy</p> <p>Marker of primary renal carcinoma</p> <p>Nerve sheath, neural marker</p> <p>Marker of serotonin producing tumours</p> <p>Pancreatic tumours</p> <p>Smooth muscle marker</p> <p>Smooth muscle marker</p> <p>Marker of neural cells/neuroendocrine tumors</p> <p>Stat6 Expression</p> <p>Tangles in Alzheimers disease</p> <p>Marker of normal/malignant thyroid</p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Automated Immunohistochemical staining, Leica Bond III Immunostainer using the following monoclonal, polyclonal and cocktail antibodies (cont'd):</p> <p>PSA</p> <p>PSAP</p> <p>PTH</p> <p>R1(inhibin)</p> <p>RCC</p> <p>S100</p> <p>SEROT</p> <p>SOMAT</p> <p>SMA</p> <p>SMM</p> <p>SYNAPT</p> <p>STAT6</p> <p>TAU</p> <p>THYROG</p>	BEX



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN BODY TISSUE AND FLUIDS (cont'd)	<p><u>Examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)</p> <p><u>Histopathology – identification of</u> (cont'd):</p> <p>Pituitary hormone</p> <p>Tangles, plaques and inclusions in dementia</p> <p>Marker of Mallory bodies.</p> <p>Mesenchymal tumours</p> <p>Wilms tumour/mesothelioma</p> <p>Desmoplastic cell tumour</p> <p><u>Histopathology</u></p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Automated Immunohistochemical staining, Leica Bond III Immunostainer using the following monoclonal, polyclonal and cocktail antibodies (cont'd):</p> <p>TSH</p> <p>UBIQ brain</p> <p>UBIQ liver</p> <p>Vimentin</p> <p>WT-1</p> <p>WT-1 C19</p>	
Tissue and cell blocks (cont'd)			BEX
Tissue (Breast primary)	HER2	Automated Immunohistochemical staining, CPATH-SOP-HP-58: Use of Ventana Benchmark Ultra for HER2 Antibody: anti-HER-2/neu(4B5)	BEX



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN BODY TISSUE AND FLUIDS (cont'd)	<p><u>Examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)</p> <p><u>Histopathology – Enzyme histochemistry</u> <u>Immuno fluorescence (IF) for identification/demonstration of:</u></p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p>	
Tissue (Renal)	Immunoglobulins and complement	CPATH-SOP-HP-20 Immunofluorescence staining of renal biopsies Using antibodies IgA IgG IgM C3C C1q Kappa Lambda	BEX
Tissue (Skin)	Immunoglobulins and complement	CPATH-SOP-HP-21 Sectioning & Immunofluorescence Staining of Skin/ Oral/Neuro frozen sections Using antibodies in IgA IgG IgM C3C Fibrinogen	BEX
Slides prepared in house as above (Breast)	<u>Histopathology –</u> Morphological assessment and interpretation/diagnosis:	Using light microscopy and SOPs:	BEX
Slides prepared in house as above (Gastrointestinal)		CPATH-SOP-MED-5 Dissection and Reporting of Breast Specimens CPATH-SOP-MED-6 Reporting of colonic resection specimens with vascular pathology CPATH-SOP-MED-7 Reporting of ileo-colic resection specimens CPATH-SOP-MED-8 Reporting of small intestinal resection specimens CPATH-SOP-MED-9 Reporting of Colorectal Cancer Specimens	



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN BODY TISSUE AND FLUIDS (cont'd)	<p><u>Examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)</p> <p><u>Histopathology</u> – Morphological assessment and interpretation/diagnosis: (cont'd)</p> <p>Slides prepared in house as above (Thoracic, skin)</p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Using light microscopy and SOPs:</p> <p>CPATH-SOP-MED-10 Reporting of resections for pancreatic, ampullary and bile duct carcinoma</p> <p>CPATH-SOP-MED-11 Reporting of stomach resection specimens</p> <p>CPATH-SOP-MED-12 Reporting of oesophageal resection specimens</p> <p>CPATH-SOP-MED-47 Reporting of endomucosal resection specimens (EMR)</p> <p>CPATH-SOP-MED-39 Reporting of liver resections not transplant</p> <p>CPATH-SOP-MED-13 Reporting of skin specimens, biopsies and resections</p> <p>CPATH-SOP-MED-14 Reporting of lung resection specimens</p> <p>CPATH-SOP-MED-15 Reporting of Thoracic lung biopsies and segmental excisions</p> <p>CPATH-SOP-MED-48 Reporting of Soft Tissue tumours specimens, core biopsies, excisions, amputations</p>	BEX



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN BODY TISSUE AND FLUIDS (cont'd)	<p><u>Examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)</p> <p><u>Histopathology</u> – Morphological assessment and interpretation/diagnosis (cont'd):</p> <p>Slides prepared in house as above (Head & neck)</p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Using light microscopy and SOPs:</p> <p>CPATH-SOP-MED-16 Reporting of oral mucosal specimens for tumours</p> <p>CPATH-SOP-MED-17 Reporting of thyroid specimens</p> <p>CPATH-SOP-MED-18 Reporting of small mucosal specimens</p> <p>CPATH-SOP-MED-19 Reporting of small bone specimens</p> <p>CPATH-SOP-MED-20 Reporting of salivary gland specimens for tumours</p> <p>CPATH-SOP-MED-21 Reporting of radical neck dissection specimens</p> <p>CPATH-SOP-MED-22 Reporting of maxillectomy specimens for tumours</p> <p>CPATH-SOP-MED-23 Reporting of laryngectomy specimens for tumours</p> <p>CPATH-SOP-MED-24 Reporting of Globes</p> <p>CPATH-SOP-MED-25 Reporting the examination of orbital exenterations</p>	
Slides prepared in house as above (Neuropathology)			BEX



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN BODY TISSUE AND FLUIDS (cont'd)	<p><u>Examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)</p> <p><u>Histopathology</u> – Morphological assessment and interpretation/diagnosis (cont'd):</p> <p>Slides prepared in house as above (Urology)</p> <p>Slides prepared in house as above (Urology)</p> <p>Slides prepared in house as above (Skin)</p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Using light microscopy and SOPs:</p> <p>CPATH-SOP-MED-26 Reporting of wedge excisions - eyelid lesions</p> <p>CPATH-SOP-MED-27 Reporting of Temporal Artery Specimens</p> <p>CPATH-SOP-MED-28 Reporting of Trabeculectomy Specimens</p> <p>CPATH-SOP-MED-29 Reporting a penetrating keratoplasty (Cornea)</p> <p>CPATH-SOP-MED-34 Prostatic biopsies, transurethral or open prosatic resections and radical prostatectomies</p> <p>CPATH-SOP-MED-35 Adult renal parenchymal tumours</p> <p>CPATH-SOP-MED-36 Penile biopsies and resections</p> <p>CPATH-SOP-MED-37 Testicular biopsies and resections, retroperitoneal lymph node dissections</p> <p>CPATH-SOP-MED-38 Urinary bladder, ureteric, renal pelvic and urethral specimen</p> <p>CPATH-SOP-HP-21 Screening of skin biopsies by Immunofluorescence</p>	



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN BODY TISSUE AND FLUIDS (cont'd) Digital images from slides prepared in house as above	<p><u>Examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)</p> <p><u>Histopathology</u> – Morphological assessment and interpretation/diagnosis (cont'd):</p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Using digital pathology (slide scanners and viewing software):</p> <p>Slide Scanning CPATH-SOP-HP-166 Scanning Digital Cases Using Leica GT450 Scanners</p> <p>Slide Reporting CPATH-SOP-HP-64 Reporting digital slides using Sectra IDs 7</p>	



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
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	<u>Muscle / Nerve Histopathology</u> Identification of basophilic and eosinophilic structures <u>Muscle / Nerve Histopathology</u> - Identification of: Glycogen Mitochondria and their distribution	Frozen section preparation Leica CM 1950 CPATH-SOP-23 Cryostat Section Preparation for Histochemistry Sample preparation techniques: CPATH-COSH-32 Tissue Quenching for Histochemistry CPATH-SOP-SPH-12 CPATH-SOP-SPH-13 Specimen Handling for Muscle, Nerve, Rectal, Skin and Conjunctival Biopsies CPATH-SOP-HP-4 Haematoxylin and Eosin Staining Method (cryostat sections) Manual special staining techniques: CPATH-SOP-HP-8 Periodic Acid Schiff (PAS) and Diastase-PAS Staining Method for Cryostat Sections CPATH-SOP-HP-3 Gomori Trichrome CPATH-SOP-HP-16 Succinate Dehydrogenase Demonstration	SJUH SJUH SJUH



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN BODY TISSUE AND FLUIDS (cont'd)	<p><u>Examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)</u></p> <p><u>Muscle / Nerve Histopathology</u> - Identification of normal /abnormal muscle fibre elements</p> <p>Identification of nucleated cells</p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>CPATH-SOP-HP-15 Immunocytochemical Sarcolemmal Staining Method (Real) Using the following monoclonal, polyclonal and antibodies:</p> <p>Dystrophin 1 Dystrophin 2 Dystrophin 3 Alpha Sarcoglycan BetaSarcoglycan Gamma Sarcoglycan Delta Sarcoglycan Emerin Dysferlin Merosin Spectrin</p> <p>MHC-1 (HLA-ABC)</p>	SJUH
Tissue (Muscle)	<p><u>Muscle Histopathology - identification /demonstration of:</u></p> <p>Acid Phosphatase</p> <p>Fibres with abnormal COX activity</p> <p>Myoadenylate Deaminase</p> <p>Adenosine triphosphatase</p>	<p>Enzyme histochemical staining CPATH-SOP-SPH-12 Specialist Histopathology Staining Panels</p> <p>CPATH-SOP-HP-1 Acid Phosphatase – Naphthol AS-BI Phosphate</p> <p>CPATH-SOP-HP-16 Combined Demonstration of Cytochrome Oxidase & Succinate Dehydrogenase CPATH-SOP-HP-2 Cytochrome Oxidase Demonstration</p> <p>CPATH-SOP-HP-5 Myoadenylate Deaminase Demonstration</p> <p>CPATH-SOP-HP-6 Myosin ATPase Staining Method</p>	SJUH



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
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 (Muscle)	<u>Muscle / Nerve Histopathology - identification /demonstration of:</u>	Manual tinctorial Stain techniques for: CPATH-SOP-HP-7 NADH - Tetrazolium Reductase Demonstration	SJUH
Tissue (Surgical and MH muscle) (cont'd)	NADH PFK and Aldolase activity Myophosphorylase in muscle Presence and distribution of lipid in muscle	CPATH-SOP-HP-9 Phosphofructokinase and Aldolase Demonstration CPATH-SOP-HP-13 Phosphorylase Demonstration CPATH-SOP-HP-10 P-Phenylenediamine Staining Method CPATH-SOP-HP-14 Sudan Black B Staining Method	
Slides prepared in house as above	<u>Muscle / Nerve Histopathology - Morphological assessment and interpretation/diagnosis</u>	CPATH-SOP-MED-3 Reporting of muscle biopsy specimen examination and handling CPATH-SOP-MED-4 Reporting of peripheral nerve biopsy specimen examination	BEX BEX
FFPE sections prepared in house as above	<u>Molecular Pathology</u> Detection of BRAF mutation at codon 600	RT-PCR CPATH-SOP-HP-60 IdyllaTM System	BEX



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS	<u>Andrological examination activities for the purposes of clinical diagnosis</u>		
Semen	<u>Post vasectomy:</u> <u>Detection of sperm</u>	Based on 2016 Laboratory guidelines for post vasectomy semen analysis: Association of Biomedical Andrologists, the British Andrology Society and the British Association of Urological Surgeons) Manual method using large volume chambers/ manual microscopy OR wet prep and centrifugation and documented in-house procedure CPATH-SOP-AND-5 Post vasectomy testing	SEA
Semen	<u>Fertility testing:</u> Volume pH Sperm morphology excluding TZI scoring Sperm concentration Sperm motility	Based on WHO laboratory manual for the examination and processing of human semen (Sixth edition 2021) and manual method / documented in-house procedures: CPATH-SOP-AND-1 Infertility testing CPATH-SOP-AND-2 Sperm density CPATH-SOP-AND-3 Motility testing CPATH-SOP-AND-4 Sperm morphology Volume/weight Colorimetric strips Stained slides (H&E) microscopy (Bright field) Improved Neubauer counting chambers and Microscopy (Phase contrast)	SEA



9862
Accredited to
ISO 15189:2022

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 **Issue date:** 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
<p>HUMAN TISSUE AND FLUIDS</p> <p>Human DNA / RNA Blood, saliva, tissue, paraffin embedded tissue amniotic fluid, chorionic villus sampling (CVS) Extracted DNA from external sources</p>	<p><u>Genetics</u></p> <p><u>Molecular genetic examinations for the purpose of clinical diagnosis (including predictive and prenatal) for a range of disorders:</u></p> <p><u>DNA/RNA Extraction, quantification and quality check for subsequent in-house analysis (see below), referral to specialist centres and long-term storage</u></p>	<p>In house documented methods incorporating manufacturers' instructions where relevant</p> <p>Using a combination of the methods listed below, supported by:</p> <ol style="list-style-type: none"> 1. DNA Extraction by: Automated EZ1 robot: (LG-SR-SOP-1) 2. Automated Chemagic and Chemagic 360i: ((LG-SR-SOP-2)) 3. Manual extraction of cfDNA from plasma with Qiagen QIAamp kit: (LG-SR-SOP-3)) 4. Automated extraction using Maxwell RSC 48 extraction robot SOP LG-SR-SOP-4 5. DNA Quantification by Nanodrop spectrophotometer and Tecan plate reader F200 (PicoGreen) or Qubit: LG-SR-SOP-5 6. Amplification by Polymerase Chain Reaction/PCR (Thermocyclers: LG-PCR-SOP-12, Tecan Robot: LG-NGS-SOP-1) 7. Sanger DNA sequencing (Applied Biosystems (AB) Analysers 3730, 3500XL: LG-PCR-SOP-1) 8. Multiplex Ligation-dependent Probe Amplification, (AB, Thermocyclers: LG-PCR-SOP-12) 9. Gel Electrophoresis (LG-PCR-SOP-3) 10. Fragment analysis (AB) : LG-PCR-SOP-4) (Applied Biosystems (AB) Analysers 3730, 3500XL: LG-PCR-SOP-1) 	<p>BEX</p> <p>ASH CSB</p>



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN TISSUE AND FLUIDS (cont'd)	<u>Molecular genetic examinations for the purpose of clinical diagnosis (including predictive and prenatal) for a range of disorders (cont'd)</u>	<p>In house documented methods incorporating manufacturers' instructions where relevant</p> <p>11. NGS Library preparation: (Sureselect – custom targeting and clinical exomeillumina , Sureselect Library Prep: LG-NGS-SOP-2</p> <p>Agilent Bravo: LG-NGS-SOP-2 Scicline SureSelect Library Preparation: LG-NGS-SOP-11 Tecan Liquid Handling SOP: LG-NGS-SOP-1</p> <p>Agilent Bioanalyser: LG-NGS-SOP-14</p> <p>Covaris LE220: LG-NGS-SOP-12 Quantitative DNA analysis (PicoGreen): LG-NGS-SOP-20</p> <p>Next Generation Sequencing: sequencing and dosage analysis:</p> <p>12. NovaSeq 6000</p> <p>13. CFEU2 (Cystic Fibrosis Base - Yourgene) (Thermocyclers, AB : LG-PCR-SOP-5)</p> <p>14. MFI-Y Plus (Male Factor Fertility Base- Yourgene) (Thermocyclers, AB: LG-PCR-SOP-6)</p>	CSB BEX



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN TISSUE AND FLUIDS (cont'd)	<u>Molecular genetic examinations for the purpose of clinical diagnosis (including predictive and prenatal)</u> (cont'd) Human DNA obtained from: A. blood, saliva, tissue, paraffin embedded tissue B. amniotic fluid, chorionic villus sampling (CVS)	In house documented methods incorporating manufacturers' instructions where relevant	ASH or ASH & CSB, or ASH, CSB & BEX (see techniques 1,2,4-8, 10, 11,12, above)
A, B	Li-Fraumeni syndrome	LG-IC-SOP-6	
A	Selected Gene Panel (Agilent Custom Design) including: Ataxia/Neuropathy panel BOB (Breast, ovarian, bowel) panel Cancer panel Connective tissue disorders panel Core (FH and CF) panel Dystonia/Paroxysmal (DYT) panel Gastrohepatology panel Haematology panel HSP/Degenerative disorders panel LGMD and MH panel Respiratory diseases panel Somatic BRCA panel YNExome panel (includes mitochondrial disorder targets)	LG-IC-SOP-4LG-NGS-SOP-6LG-NGS-SOP-6aLG-NGS-SOP-2	ASH or ASH & CSB, or ASH, CSB & BEX (see techniques 1.2.4-8,10, .11.12 above)
A, B	Variant Confirmation	LG-RD-SOP-33	



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN TISSUE AND FLUIDS (cont'd)	<u>Molecular genetic examinations for the purpose of clinical diagnosis (including predictive and prenatal)</u> (cont'd)	In house documented methods incorporating manufacturers' instructions where relevant	
A.B	Cystic Fibrosis	LG-PCR-SOP-5	ASH or ASH & CSB, or ASH, CSB & BEX (see techniques 1,2,4-8, 10-13 above)
A (Blood only)	Y Chromosome Microdeletions	LG-PCR-SOP-6	ASH, CSB & BEX (See techniques 2, 5, 6, 10, 14 above)
A,B	DNA Profiling	LG-PCR-SOP-7	
Blood (EDTA anticoagulant), amniotic fluid, chorionic villus or solid tissue	Detection of aneuploidy of chromosomes 13, 18, 21	QF-PCR analysis involving DNA extraction followed by molecular analysis of DNA dosage for rapid aneuploidy using ABI 3500 or ABI 3730 gene scanner (LG-CF-SOP-24, LG-CF-SOP-30; LG-PP-SOP-1, LG-PP-SOP-15, LG-PP-SOP-17)	ASH & BEX (See techniques 1, 2, 4, 5, 6, 10)
Paraffin embedded Tissue	Human identity testing for detection of specimen mix up	Microsatellite PCR test to identify DNA variation at multiple genomic loci known to be unique to individuals using Thermal cycler, ABI 3500XL or ABI 3730 genetic analyser, LG-SO-SOP-3	ASH & BEX (See techniques 4, 5, 6, 10 above)



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN TISSUE AND FLUIDS (cont'd)	<u>Molecular genetic examinations for the purpose of clinical diagnosis (including predictive and prenatal)</u> (cont'd)	In house documented methods incorporating manufacturers' instructions where relevant	
Peripheral Blood	Detection of variants of DPYP gene indicating vulnerability to 5FU toxicity. Eleucie DPYD detection from the following alleles: c.1679T>G c.1905+1G>A c.2846A>T c.483+18G>A c.1129-5923C>G c.1236G>A.	Genotyping: Yourgene DPYD kit and analysis on using ABI 3500XL or ABI 3730 genetic analyser LG-IC-SOP-15	ASH & BEX (See techniques 4, 5, 6, 7, 9 above)
FFPE Tumour	Detection of methylation of the MLH1 gene (by DNA sequencing test)	Pyrosequencing involving DNA extraction followed by MLH1 methylation using PyroMark Q48 LG-PCR-SOP-11, LG-PCR-SOP-10, LG-NGS-SOP-5	ASH



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN TISSUE AND FLUIDS (cont'd)	<u>Molecular genetic examinations for the purpose of clinical diagnosis (including predictive and prenatal)</u> (cont'd)	In house documented methods incorporating manufacturers' instructions where relevant	
Blood plasma	Mutation testing of circulating tumour DNA - targeted mutation testing of the EGFR gene	Separation of blood plasma from whole blood, DNA extraction from blood plasma. Targeted EGFR mutation detection by real-time PCR using the Qiagen Rotagene Q and Therascreen Plasma RGQ PCR kit (LG-SO-SOP-24)	ASH & BEX (See techniques 3, 5 above)
Bone marrow, Blood	DNA extraction for the purposes of external Whole Genome Sequencing	Automated extraction using Chemagic and Chemagic 360i: (LG-SR-SOP-2)	BEX
HUMAN BODY FLUIDS/TISSUE	<u>Cytogenetics examination activities for the purpose of clinical diagnosis</u>	In house documented methods incorporating manufacturers' instructions where relevant	
Amniotic fluid, chorionic villus, solid tissue, blood (lithium heparin), bone marrow	Karyotype	Culture and karyotype analysis using G-banding LG-CF-SOP-3 and light microscope using SOPs: LG-CF-SOP-4, LG-CF-SOP-6, LG-PP-SOP-11, LG-PPSOP-4 (amniotic fluid) LG-CF-SOP-5, LG-CF-SOP-6, LG-PP-SOP-11, LG-PPSOP-4 (chorionic villus) Culture and karyotype analysis using G-banding LG-CF-SOP-3 and image analysis via automatic slide scanner /Cytovision using SOPs: LG-CF-SOP-7, LG-CF-SOP-6, LG-PP-SOP-5, LG-PP-SOP-12, LG-PP-SOP-4 (solid tissue)	ASH



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS/TISSUE (cont'd) Amniotic fluid, chorionic villus, solid tissue, blood (lithium heparin), bone marrow (cont'd)	<u>Cytogenetics examination activities for the purpose of clinical diagnosis</u> (cont'd) Karyotype (cont'd)	In house documented methods incorporating manufacturers' instructions where relevant LG-CF-SOP-1, LG-CF-SOP-14, LG-PP-SOP-9, LG-PP-SOP-3, LG-PP-SOP-5, LG-PP-SOP-12,, LG-PP-SOP-2 (blood) LG-CF-SOP-2, LG-PP-SOP-5, LG-PP-SOP-12,, LG-SO-SOP-6 (bone marrow)	ASH
Blood (lithium heparin anticoagulant)	Karyotype	Culture and karyotype analysis using G-banding and image analysis via automatic slide scanner /Cytovision LG-CF-SOP-1, LG-CF-SOP-3, LG-PP-SOP-3, LG-PP-SOP-5, LG-PP-SOP-12,, LG-PP-SOP-2	ASH
Bone marrow	Karyotype	Culture and karyotype analysis using G-banding and image analysis via automatic slide scanner /Cytovision LG-CF-SOP-2, LG-CF-SOP-3, LG-PP-SOP-5, LG-PP-SOP-12,, LG-SO-SOP-6	ASH
Illumina Bead Array GTC Files received from ISO 15189 accredited laboratory 9028	Interpretation of data to detect microscopic chromosomal imbalance (gains and losses) expressed as changes to copy number in: Postnatal disorders, prenatal diagnosis, neoplastic genetics	SNP array analysis using Illumina BlueFuse Multi software and SOP LG-RD-SOP-18	ASH
Fixed cells/Formalin Fixed Paraffin Embedded tissue (FFPE) from: Peripheral Blood Bone Marrow Amniotic fluid CVS-Chronic villus samples Solid tissues Solid tumours Buccal smears	Detection of chromosomal aberrations loci changes including confirmation of array CGH findings and rearrangements in the diagnosis of haematological malignancy, bone marrow failure syndromes, constitutional disorders, solid tumours	Pre analytical preparation of tissues for Fluorescent in situ hybridisation procedures (FISH) using Hybrite, Water bath, hot-plate and SOPs: LG-CF-SOP-9 (FFPE slides) (fixed suspension samples) followed by:	BEX



Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Leeds Teaching Hospitals NHS Trust

Issue No: 018 Issue date: 24 November 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS/TISSUE (cont'd) Fixed cells/Formalin Fixed Paraffin Embedded tissue (FFPE) from: Peripheral Blood Bone Marrow Amniotic fluid CVS- Chronic villus samples Solid tissues Solid tumours Buccal smears (cont'd)	<u>Cytogenetics examination activities for the purpose of clinical diagnosis</u> (cont'd) Break-apart probes Fusion product probes Single copy probes to detect gain or loss of a specific locus	In house documented methods incorporating manufacturers' instructions where relevant Fluorescent in situ hybridization (FISH) analysis of metaphase and interphase cells using commercial (and including probe validation/verification) using Cyto-vision analysis system and Fluorescent microscopy as defined in SOP LG-SO-MISC-4 v1.16 in conjunction with SOPs LG-CF-SOP-10, LG-CF-SOP-9, LG-SO-SOP-14, LG-CF-SOP-12, LG-CF-SOP-11	BEX

END