


Schedule of Accreditation

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United Kingdom Accreditation Service

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

 <p>Accredited to ISO 15189:2022</p>	Northern Care Alliance NHS Foundation Trust	
	Issue No: 010 Issue date: 30 January 2026	
	Cellular Pathology Department Level 2 Turnberg Building Salford Royal Hospital Stott Lane Salford M6 8HD United Kingdom	Contact: Louise Bell – Quality Manager Tel: +44 (0)161 206 5016 E-Mail: louise.bell@nca.nhs.uk Website: www.srft.nhs.uk/paws/cellular-pathology/
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Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity
<p>Address Cellular Pathology Department Level 2 Turnberg Building Salford Royal Hospital Stott Lane Salford M6 8HD United Kingdom</p> <p>Local contact David Muskett Tel: +44 (0) 161 206 5011 Email: david.muskett@nca.nhs.uk</p>	Routine Histopathology Special Stains Immunohistochemistry Immunofluorescence Neuropathology Diagnostic Cytology (Non-Gynae) Mortuary Services

Site activities performed away from the locations listed above:

Location details	Activities
On-site Mortuary and Body Store Salford Royal Hospital	Storage of bodies Viewing facilities Record keeping, body identification and audit trail
Head and neck clinic Thomas Linacre Centre Wigan	Tissue staining and adequacy assessment of tissues sampled at one-stop clinic.
Moh's Clinic Dermatology outpatients Salford Royal Hospital	Preparation and staining of frozen blocks and slides. Histopathological examination for assessment of circumferential, peripheral and deep margins.



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>HUMAN BODY TISSUE</p> <p>Tissue: biopsy, excision, resection and post-mortem specimens</p> <p>Bone and calcified tissue</p> <p>Formalin Fixed Paraffin Embedded (FFPE) wax blocks of processed tissue.</p> <p>FFPE slides</p> <p>Frozen sections</p> <p>FFPE slides</p> <p>FFPE slides</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis</u></p> <p>Examination of tissues to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</p> <p>Basophilic and eosinophilic tissue structures</p> <p>Morphological assessment and interpretation/diagnosis</p> <p><u>Tinctorial/Special morphological staining for the detection of:</u></p> <p>Amyloid</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Macroscopic examination and dissection Numerous organ specific SOPs: CP-MACRO.001 to 027</p> <p>Tissue processing using Sakura automated tissue processors. CP-HIST.001</p> <p>Decalcification CP-CUTUP-07</p> <p>Embedding using Sakura tissue embedding centres CP-HIST.002</p> <p>Microtomy using Thermo, Leica and Sakura microtomes CP-HIST.003</p> <p>Haematoxylin & eosin staining Automated: Sakura Autostainer CP-CYTO.016</p> <p>Cryotomy using Leica CM1950 CP-EQUIP.016</p> <p>Interpretive/diagnostic microscopy using Leica, Nikon & Olympus microscopes CP-EQUIP.008 Olympus, Leica, Nikon CP-MPROC.002</p> <p>In-house documented procedures using manual methods with the following stains:</p> <p>Sirius red CP-STAINS.030</p> <p>Congo red CP-STAINS.004</p>



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HUMAN BODY TISSUE (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 (cont'd)	<u>Tinctorial/Special staining (cont'd)</u>	In-house documented procedures using manual methods with the following stains:
	Basement membranes	Methenamine Silver CP-STAINS.017
	Basophilic and eosinophilic tissue structures	Haematoxylin & eosin Manual: CP-STAINS.012
	Calcium deposits	Von Kossa CP-STAINS.034
	Connective tissue	HVG CP-STAINS.013 Masson trichrome CP-STAINS.016
	Copper, Hep B sAg	Orcein CP-STAINS.023
	Elastic fibres	Elastic Van Gieson CP-STAINS.044
	Ferric iron	Perls CP-STAINS.025
	Fibrin	MSB CP-STAINS.021
	Fungi, Pneumocystis	Grocott CP-STAINS.011
	Gram positive and negative bacteria	Gram CP-STAINS.009
	Helicobacter pylori	Giemsa CP-STAINS.007
	M. leprae	Wade Fite CP-STAINS.035
	M. tuberculosis	Ziehl Neelsen CP-STAINS.038
	Mast cells	Toluidine blue CP-STAINS.032
	Melanin	Masson Fontana CP-STAINS.015



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HUMAN BODY TISSUE (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 (cont'd)	<u>Tinctorial/Special staining (cont'd)</u>	In-house documented procedures using manual methods with the following stains:
	Mucins and carbohydrates	Alcian blue CP-STAINS.001 Hale's colloidal iron CP-STAINS.0 ABPAS CP-STAINS.002 PAS CP-STAINS.024 PASD CP-STAINS.006
	Myelin in CNS	Luxol fast blue CP-STAINS.014
	Nissl substance	Cresyl fast violet CP-STAINS.003
	Reticulin fibres	Gordon & Sweet's reticulin CP-STAINS.008
Muscle biopsy specimens	Basophilic and eosinophilic tissue structures	Haematoxylin & Eosin CP-MUSC.010
Muscle biopsy specimens	Fibrosis, rods, mitochondria	Gomori's Trichrome CP-MUSC.011
Muscle biopsy specimens	Lipid	Sudan Black CP-MUSC.016
Muscle biopsy specimens	Glycogen	PAS+/-D CP-MUSC.013



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HUMAN BODY TISSUE (cont'd)	<p><u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u></p> <p><u>Immunohistochemistry examination activities to detect the following:</u></p> <p>Cells of the anterior pituitary and in neurons in brain</p> <p>Acidic and basic cytokeratin; glandular epithelium of prostate, skin, breast, thyroid. Squamous epithelium, columnar epithelium of skin tonsil, cervix, stomach, intestine</p> <p>Germ cell tumours, foetal liver cells</p> <p>Prostate adenocarcinoma, kidney tubules</p> <p>Amyloid β/A4, pre A4 in damaged neurones, senile plaques in Alzheimer's disease</p> <p>Senile plaques in Alzheimer's disease</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Automated qualitative immunohistochemistry using the Roche Ventana Benchmark Ultra and the following monoclonal, polyclonal and cocktail antibodies: CP-IMM.025/CP-IMM.005</p> <p>Adrenocorticotrophic hormone</p> <p>AE1/AE3 cytokeratins</p> <p>α-Fetoprotein</p> <p>Methyl acyl CoA racemase</p> <p>Alzheimer precursor protein</p> <p>β-Amyloid</p>



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HUMAN BODY TISSUE (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 (cont'd)	<u>Immunohistochemistry (cont'd)</u>	Automated qualitative immunohistochemistry using the Roche Ventana Benchmark Ultra and the following monoclonal, polyclonal and cocktail antibodies: CP-IMM.025/CP-IMM.005
	T cells and a small number of B cells	CD5
	T cells, NK cells	CD7
	Cytotoxic / suppressor T cells	CD8
	immature B cells, fibroblasts. Myoepithelium	CD10
	Human myelomonocytic antigen. Granulocytes and monocytes	CD15
	B cells	CD20
	Follicular dendritic cells, mature B cells	CD21
	B cell subset, some monocytes & dendritic cells	CD23
	Anaplastic large-cell lymphoma, Hodgkin's Reed-Sternberg cells	CD30
	Endothelial cells, platelets, monocytes, some B cells	CD31
	Capillary endothelial cells	CD34
	T lymphocytes, monocytes, granulocytes, and some B lymphocytes	CD43



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FFPE slides (cont'd)	<u>Immunohistochemistry (cont'd)</u>	Automated qualitative immunohistochemistry using the Roche Ventana Benchmark Ultra and the following monoclonal, polyclonal and cocktail antibodies: CP-IMM.025/CP-IMM.005
	Neuroendocrine cells and neurones	CD56
	Monocytes, macrophages, neutrophils	CD68
	Neuroendocrine cells and neurones	CD79
	T lymphocytes, granulosa cells of the ovary, CNS ependymal cells, Leydig cells & Sertoli cells in testes.	CD99
	Mast cells, melanocytes, intestinal Cajal cells	CD117
	Plasma cells, late B cells, squamous epithelium	CD138
	Normal enzyme that is oncogenic in anaplastic large-cell lymphoma, lung adenocarcinoma	CD246
	Epithelial cells in intestine	CDX2
	Epithelial cells, macrophages identify adenocarcinomas of the digestive tract, to distinguish between malignant mesothelioma and peripheral pulmonary adenocarcinoma, to distinguish between endocervical and endometrioid endometrial adenocarcinoma, and to distinguish hepatocellular carcinoma from cholangiocarcinoma and metastatic liver adenocarcinoma	Carcinoembryonic antigen



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<p>HUMAN BODY TISSUE (cont'd)</p> <p>FFPE slides (cont'd)</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u></p> <p><u>Immunohistochemistry (cont'd)</u></p> <p>Neural tissue & endocrine cells. pituitary adenomas, parathyroid and pancreatic islet cell tumours medullary thyroid carcinoma, and carcinoid tumours of e.g., respiratory and gastrointestinal tract.</p> <p>Human cytomegalovirus in infected cells</p> <p>Cells in G1 phase of the cell cycle. Differentiation of mantle cell lymphoma from other B-cell lymphomas</p> <p>Simple, complex and transitional epithelia including biliary, pancreatic ducts, lung alveoli and endometrium. Identification of adenocarcinomas of the lung, breast and endometrium, thyroid gland, ovary, transitional cell carcinomas and chromophobe renal cell carcinoma.</p> <p>Stratified squamous and non-squamous epithelium. Identification of basal and squamous cell carcinomas. Distinguishing stratified and simple epithelial cells</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Automated qualitative immunohistochemistry using the Roche Ventana Benchmark Ultra and the following monoclonal, polyclonal and cocktail antibodies: CP-IMM.025/CP-IMM.005</p> <p>Chromogranin</p> <p>Cytomegalovirus</p> <p>Cyclin D1</p> <p>Cytokeratin7</p> <p>Cytokeratin 14</p>



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<p>HUMAN BODY TISSUE (cont'd)</p> <p>FFPE slides (cont'd)</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u></p> <p><u>Immunohistochemistry (cont'd)</u></p> <p>Gastric small and large bowel epithelium, urothelium, Merkel cells. Characterization of carcinoma originating from urothelium, intestinal epithelium and Merkel cells</p> <p>Cytokeratin in human epidermis and non-keratinising epithelium. Distinguishes low differentiated squamous cell carcinoma and adenocarcinoma.</p> <p>HMW cytokeratin's; epithelium in skin, breast, lung, kidney, pancreas, tonsil. Identifying normal squamous, ductal and other complex epithelia.</p> <p>Smooth, cardiac and striated muscle cells, more abundant in parenchymal smooth muscle than vascular. Reactive mesothelial cells</p> <p>Gastric epithelium, interstitial cells of Cajal, breast epithelium, epithelium of salivary glands, stomach, prostate, liver, pancreas, testis, gallbladder, GIST, pancreatic and oesophageal neoplasms</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Automated qualitative immunohistochemistry using the Roche Ventana Benchmark Ultra and the following monoclonal, polyclonal and cocktail antibodies: CP-IMM.025/CP-IMM.005</p> <p>Cytokeratin 20</p> <p>Cytokeratin 5/6</p> <p>Cytokeratin 34βE12</p> <p>Desmin</p> <p>DOG1</p>



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<p>HUMAN BODY TISSUE (cont'd)</p> <p>FFPE slides (cont'd)</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u></p> <p><u>Immunohistochemistry (cont'd)</u></p> <p>Marker of mammary carcinoma and carcinoma of salivary and sweat glands.</p> <p>Chondrocytes, Kupffer cells, Schwann cells, retinal Muller cells, astrocytes, ependymal cells, oligodendrocytes. Peripheral nerve sheath tumours, mixed tumours of salivary and sweat glands and some chondroid tumours.</p> <p>GH-producing cells, Acidophilic cells of the anterior lobe of the pituitary gland. Hepatocellular carcinoma and various benign and malignant cutaneous lesions.</p> <p>Over expression of Her2 protein</p> <p>Immature melanosomes. Normal breast and sweat gland epithelium. Malignant melanoma, Angiomyolipomas, Clear Cell lung tumours and Lymphangioliomyomatosis.</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Automated qualitative immunohistochemistry using the Roche Ventana Benchmark Ultra and the following monoclonal, polyclonal and cocktail antibodies: CP-IMM.025/CP-IMM.005</p> <p>GCDFP15</p> <p>Glial fibrillary acidic protein</p> <p>Growth hormone</p> <p>Gastric Her2</p> <p>HMB-45</p>



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FFPE slides (cont'd)	<u>Immunohistochemistry (cont'd)</u>	Automated qualitative immunohistochemistry using the Roche Ventana Benchmark Ultra and the following monoclonal, polyclonal and cocktail antibodies: CP-IMM.025/CP-IMM.005
	HSV type I specific antigens	Herpes simplex virus
	HHV8 associated Kaposi sarcoma, primary effusion lymphoma, multicentric Castleman disease	Human herpes virus 8
	Astrocytomas, oligoastrocytomas and oligodendrogliomas.	Isocitrate dehydrogenase
	Evaluation of glomerular disease, detection of plasma cells and related lymphoid cells containing IgA; classification of B-cell neoplasia, distinguishing neoplastic monoclonal proliferation from reactive hyperplasia of plasma cells	IgA, IgG, IgM
	Identification of ovarian granulosa cell tumours and Sertoli cell tumours	Inhibin
	Lymphoma marker	Kappa light chains
	Proliferation marker	Ki67
	Lymphoma marker	Lambda light chains
	Marker of cells of a haematopoietic origin except erythrocytes; B and T cells, granulocytes, monocytes, macrophages.	Leucocyte common antigen
	Marker of Pituitary Tumours	Luteinising Hormone
	Marker of neuronal differentiation and detection of ganglion cells	Microtubule associated protein



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<p>HUMAN BODY TISSUE (cont'd)</p> <p>FFPE slides (cont'd)</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u></p> <p><u>Immunohistochemistry (cont'd)</u></p> <p>Mast cells marker</p> <p>Melanocytes; melanomas, adrenocortical carcinomas and angiomyolipomas</p> <p>Rhabdomyosarcoma marker</p> <p>Myeloid cells</p> <p>Mismatch repair defect</p> <p>Neurons of the central and peripheral nervous system,</p> <p>Normal and neoplastic cells of neuronal and neuroendocrine origin</p> <p>Embryonic stem cells and germ cells</p> <p>p53 oncogene associated with malignancy</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Automated qualitative immunohistochemistry using the Roche Ventana Benchmark Ultra and the following monoclonal, polyclonal and cocktail antibodies: CP-IMM.025/CP-IMM.005</p> <p>Mast cell Tryptase</p> <p>Melan-A</p> <p>Myogenin</p> <p>Myeloperoxidase</p> <p>MMR</p> <p>Neurofilament protein</p> <p>Neurone specific enolase</p> <p>OCT3/4</p> <p>p53</p>



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Issue No: 010 Issue date: 30 January 2026

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>HUMAN BODY TISSUE (cont'd)</p> <p>FFPE slides (cont'd)</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u></p> <p><u>Immunohistochemistry (cont'd)</u></p> <p>G1-S-phase transition in pre-cancerous and cancerous tissues associated with HPV. Identification of precancerous cervical lesions associated with HPV. Differentiation between CIN2 and 3, high and low grade lesions.</p> <p>Pulmonary squamous cell carcinoma of head and neck and urothelial carcinomas. Differentiation between benign and malignant glands.</p> <p>Classification of pituitary adenomas</p> <p>Classification of pituitary gonadotroph adenomas</p> <p>Marker for malignant melanoma, including spindle cell and desmoplastic melanomas.</p> <p>Investigation of pituitary corticotroph adenomas</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Automated qualitative immunohistochemistry using the Roche Ventana Benchmark Ultra and the following monoclonal, polyclonal and cocktail antibodies: CP-IMM.025/ CP-IMM.005</p> <p>P16</p> <p>P40</p> <p>PIT-1</p> <p>SF-1</p> <p>SOX-10</p> <p>TPIT</p>



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HUMAN BODY TISSUE (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:
Muscle biopsy specimens (cont'd)	<u>Immunohistochemistry (cont'd)</u>	Automated qualitative immunohistochemistry using the Roche Ventana Benchmark Ultra and the following monoclonal, polyclonal and cocktail antibodies: SOP: CP-IMM.025
Muscle biopsy specimens	Normal/abnormal muscle fibre elements	Dystrophins 1, 2 & 3 Sarcoglycans α , β , γ , & δ Emerin Dysferlin Utrophin Spectrin Merosin Troponin Human leucocyte antigen -1 Complement C5-9 Slow Heavy Chain Myosin Fast Heavy Chain Myosin Neonatal Heavy Chain Myosin



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<p>HUMAN BODY TISSUE (cont'd)</p> <p>Muscle biopsy specimens (cont'd)</p> <p>Frozen tissue specimens</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u></p> <p><u>Immunohistochemistry (cont'd)</u></p> <p><u>Immunofluorescence (IF) for identification/demonstration of:</u></p> <p>IgA</p> <p>IgG</p> <p>IgM</p> <p>Complement C3</p> <p>Fibrinogen</p> <p>Kappa light chains</p> <p>Lambda light chains</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Automated qualitative immunohistochemistry using the Roche Ventana Benchmark Ultra and the following monoclonal, polyclonal and cocktail antibodies: SOP: CP-IMM.025</p> <p>Qualitative immunofluorescence using Roche Ventana Benchmark Ultra SOPs: CP-IMM.003, CP-IMM.010</p>



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HUMAN BODY TISSUE (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: Semiquantitative immunohistochemistry using Roche Ventana Benchmark Ultra
Tissue (Breast primary)	HER2 protein	HER2 protein CP-IMM.008
	Oestrogen receptor	Summary of Breast Receptor Demonstration CP-IMM.018
	Progesterone receptor	Summary of Breast Receptor Demonstration CP-IMM.018
Tissue (Breast primary)	HER2 protein	Semiquantitative chromogenic in situ hybridisation (DDISH) using Roche Ventana Benchmark Ultra CP-IMM.030
FFPE slide preparations from gastric cancer samples	HER2 protein expression	Automated immunocytochemistry method using Roche Ventana Benchmark Ultra CP-Imm. 025 CP-IMM.038 HER2 Testing using VENTANA anti-HER2/neu (4B5) EX-CP-MEM.084 Interpretation Guide for Ventana HER2/neu (4B5) HER2 Testing using VENTANA anti-HER2/neu (4B5) Qualitative microscopic interpretation CP-Imm.005
FFPE slides	HER2 gene expression on Chromosome 17	Chromogenic in-situ hybridisation test using automated immunocytochemistry method using Roche Ventana Benchmark Ultra CP-Imm. 025 Qualitative microscopic interpretation CP-Imm.005 Interpretation of HER2 ISH results CP-Imm.030



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HUMAN BODY TISSUE (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:
Muscle	<u>Muscle Histopathology</u>	Muscle Biopsy Handling and preparation of frozen sections CP-MUSC.001 and CP-HIST.017
Slides prepared from fresh / frozen tissue or formalin fixed, paraffin embedded (FFPE) Muscle biopsy tissue specimens	Basophilic and eosinophilic tissue structures	Tinctorial staining using the following: Haematoxylin & Eosin CP-MUSC.010
Slides prepared from fresh / frozen tissue or formalin fixed, paraffin embedded (FFPE) Muscle biopsy specimens	Fibrosis, rods, mitochondria	Gomori's Trichrome CP-MUSC.011
Slides prepared from fresh / frozen tissue Muscle biopsy specimens	Lipid	Sudan Black CP-MUSC.016
Slides prepared from fresh / frozen tissue or formalin fixed, paraffin embedded (FFPE) Muscle biopsy specimens	Glycogen	PAS+/-D CP-MUSC.013



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<p>HUMAN BODY FLUIDS</p> <p>Fine needle aspirates –Breast, sputum, urine, CSF, oesophageal washings and brushings, Conventional Bronchial Brushings, Serous fluids, Bronchial washings and Bronchial Alveolar lavage samples.</p> <p>Slides prepared in-house from sample types listed above</p>	<p><u>Diagnostic Cytopathology (Non-Gynae) examination activities for the purposes of clinical diagnosis</u></p> <p>Preparation and examination of cellular material to identify or exclude morphological and cytological abnormalities</p> <p>Morphological assessment and interpretation/diagnosis</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Cytopreparation and staining using: Hologic T 2000 Processor; Cytospin 4 Centrifuge; Rotina Centrifuge; Leica Autostainer. CP-CYTO.015; CP-CYTO.016</p> <p>Interpretive/diagnostic microscopy using Leica, Nikon & Olympus microscopes CP-EQUIP.008 Olympus, Leica, Nikon CP-MPROC.002</p>
END		