


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>8132</b> Accredited to <b>ISO 15189:2022</b>	<b>Kingston and Richmond NHS Foundation Trust</b>	
	Issue No: 011 Issue date: 07 March 2025	
	<b>Cellular Pathology</b> Level 2 Esher Wing Kingston Hospital Galsworthy Road Kingston upon Thames KT2 7QB	<b>Contact: Rosadel Salita</b> Tel: +44 (0)208 934 3165 E-Mail: marosadel.salita@nhs.net Website: www.kingstonhospital.nhs.uk
Testing performed at main address only		

Site activities performed away from the locations listed above:

Location details	Activity	Location code
Mortuary Kingston and Richmond NHS Foundation Trust Galsworthy Road Kingston upon Thames KT2 7QB United Kingdom	Mortuary Services	N/A
Aspen Building - ENT Kingston and Richmond NHS Foundation Trust Galsworthy Road Kingston upon Thames KT2 7QB	One Stop Thyroid Clinic FNA adequacy assessment	N/A



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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>Fixed, fresh and frozen tissue</p> <p>In house preparations of tissue sections</p>	<p><u>Histological examinations for the purpose of clinical diagnosis</u></p> <p>Examination of tissues to identify or exclude morphological and cytological abnormalities for the purposes of clinical diagnosis</p> <p><u>Routine H&amp;E staining</u></p> <p>Basophilic and eosinophilic structures</p>	<p>In-house documented procedures based on equipment manuals as relevant</p> <p>Specimen dissection and tissue processing using SOPs Dissection: DI-01, DI-03 to DI-13, DI-15, DI18 to DI-29, DI-32-35</p> <p>De-calcification using CU-09</p> <p>Automated Tissue processing using Leica ASP6025 using SOPs CU-45</p> <p>Manual tissue embedding Thermo Shandon Histo Centre using SOPs CU-13</p> <p>Microtomy, manual tissue sectioning- Leica microtomes RM 2245 using SOP ML-01 and CellPath Slide label printers</p> <p>Cryotomy- manual method (production of frozen sections)- Leica cryostat CM1860 using SOP CU-19</p> <p>SOP ML-02 using Leica Autostainer XL230 with Haematoxylin and Eosin ML-02 Frozen section manual H&amp;E staining SOPCU-19 Coverslipping using Leica CV5030 ML-03</p>



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HUMAN BODY TISSUE (cont'd)	<u>Special Staining examinations for the purpose of assisting with clinical diagnosis</u>	Documented in-house procedures for manual special stains with reference to:
In house preparations of tissue sections	Acid Mucopolysaccharide	Alcian Blue SOP SS-01
	Acid and Neutral Mucopolysaccharide	Alcian Blue/PAS SOP SS-02
	Amyloid	Congo red SOP SS-04
	Elastic fibres and connective tissue	Elastic Van Gieson SOP SS-07
	Helicobacter and haematopoietic cells	Giemsa SOP SS-09
	Acid and neutral mucopolysaccharides	Diastase/Alcian Blue/PAS SOP SS-05
	Neutral mucopolysaccharides	Diastase/PAS SOP SS-06
	Reticulin fibres	Gordon and Sweets Retic SOP SS-10
	Gram positive and negative microorganisms	Gram SOP SS-11
	Fungal cells	Grocott SOP SS-13
	Muscle and fibrin tissue	Haematoxylin Van Gieson SOP SS-28
	Connective tissue	Marius Scarlet Blue SOP SS-15
	Melanin / melanin bleach	Masson Fontana SOP SS-16, SS-18
	Connective tissue	Masson Trichrome SOP SS-32
	Neutral mucins	Periodic Acid Schiff SOP SS-20
	Haemosiderin	Perls SOP SS-21
	Hepatitis B affected cells and copper associated protein	Shikata (Orcein) SOP SS-23
	Mast Cells	Toluidine Blue SOP SS-24
	Calcium salts	Von Kossa SOP SS-25



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HUMAN BODY TISSUE (cont'd)	<u>Special Staining examinations for the purpose of assisting with clinical diagnosis (cont'd)</u>	Documented in-house procedures for manual special stains with reference to:
In house preparations of tissue sections (cont'd)	Mycobacterium species	Ziehl Neelsen SOP SS-29
Frozen sections	<u>Automated Immunofluorescence examinations for the purpose of clinical diagnosis</u>	Automated method using Ventana Ultra and documented in-house procedure ICC-09 and conjugated antibodies as follows:
	Alpha chains of human IgA	IgA
	Gamma chains of human IgG	IgG
	Mu chains of IgM	IgM
	Complement C3c fragment	C3c
	<u>Immunohistochemical examinations for the purpose of clinical diagnosis</u>	Automated method using Ventana Ultra and documented in-house procedure ICC-22 incorporating the following antibodies:
FFPE tissue sections	Cytokeratins	AE1/3
	High molecular weight Cytokeratins	34BE12
	B cells in the mantle zone and interfollicular T cells	BCL-2
	B cells not in the mantle zone	BCL-6
	Epithelial cells	Ber-EP4
	Beta-Catenin a 92 kD protein	Beta Catenin
	Tumour cells of stomach, small intestine, colon, liver and pancreas	CA19.9
	High weight glycoprotein	Ca125
	Calcium binding protein	Calretinin
	Cytokeratin 7 and 8	CAM 5.2



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HUMAN BODY TISSUE (cont'd)  In house preparations of tissue sections  FFPE tissue sections (cont'd)	<u>Immunohistochemical examinations for the purpose of clinical diagnosis (cont'd)</u>  T-cell marker T-cell marker Immature B cells and T cells Granulocytic cells B cells Dendritic cell marker Dendritic cell marker, expresses B cells of germinal centres Anaplastic large cell lymphomas and Reed Sternberg cells Endothelial cells/ tumours Endothelial cells Cells of haematopoietic lineage Human CD56 molecule on NK cells Macrophages and myeloid cells B cells Transmembrane tyrosine kinase receptor Late stage B cell differentiation Intestinal epithelial cells Carcinoembryonic antigen Carcinoembryonic antigen Secretory granules of endocrine cells	Automated method using Ventana Ultra and documented in-house procedure ICC-22 incorporating the following antibodies:  CD3 CD5 CD10 CD15 CD20 CD21 CD23 CD30 CD31 CD34 CD45 CD56 CD68 CD79a CD117 CD138 CDX-2 CEA (mono) CEA (poly) Chromogranin A



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<p>HUMAN BODY TISSUE (cont'd)</p> <p>In house preparations of tissue sections (cont'd)</p> <p>FFPE tissue sections (cont'd)</p>	<p><u>Immunohistochemical examinations for the purpose of clinical diagnosis (cont'd)</u></p> <p>Cytokeratin 5 intermediate filament protein</p> <p>Cytokeratin 7 intermediate filament protein</p> <p>Cytokeratin 19</p> <p>Cytokeratin 20 intermediate filament protein</p> <p>Cyclin D molecule</p> <p>Intermediate filament protein in muscle</p> <p>Adhesion protein</p> <p>Epithelial membrane antigen</p> <p>Oestrogen receptor</p> <p>Endothelial cells</p> <p>GATA 3 expression</p> <p>Erythroid precursors and erythrocytes</p> <p>Her 2 antigen</p> <p>Immature melanosomes</p> <p>Peptide hormone</p> <p>Kappa light chains in plasma cells and related lymphoid cells</p> <p>Proliferation marker</p> <p>Lambda light chains of myelomas, plasmacytomas and certain non-Hodgkin's lymphomas</p>	<p>Automated method using Ventana Ultra and documented in-house procedure ICC-22 incorporating the following antibodies:</p> <p>CK5</p> <p>CK7</p> <p>CK19</p> <p>CK20</p> <p>Cyclin D1</p> <p>Desmin</p> <p>E-cadherin</p> <p>EMA</p> <p>ER</p> <p>Factor 8</p> <p>GATA 3</p> <p>Glycophorin A</p> <p>Her2/Neu</p> <p>HMB45</p> <p>Inhibin</p> <p>Kappa</p> <p>Ki-67</p> <p>Lambda</p>



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<p>HUMAN BODY TISSUE (cont'd)</p> <p>In house preparations of tissue sections (cont'd)</p> <p>FFPE tissue sections (cont'd)</p>	<p><u>Immunohistochemical examinations for the purpose of clinical diagnosis (cont'd)</u></p> <p>Melanocytes and melanosomes</p> <p>Mis match repair</p> <p>Granulocytes and monocytes</p> <p>Napsin A expression</p> <p>Placental alkaline phosphatase</p> <p>P16 protein overexpression</p> <p>P40 protein</p> <p>P53 protein</p> <p>Progesterone receptor</p> <p>Prostate specific antigen in prostatic epithelium</p> <p>Prostatic acid phosphatase</p> <p>Low molecular weight protein</p> <p>Microfilament cytoskeleton proteins in smooth muscle</p> <p>Presynaptic and peripheral nervous system</p> <p>Endothelium, squamous cell carcinoma, mesangial cells</p> <p>Thyroid follicular epithelium and colloid, follicular neoplasms of the thyroid, papillary and hurtle cell carcinomas of the thyroid</p> <p>Thyroid transcription factor 1</p> <p>Mesenchymal cells</p> <p>Wilms tumour protein</p>	<p>Automated method using Ventana Ultra and documented in-house procedure ICC-22 incorporating the following antibodies:</p> <p>MART-1/Melan A</p> <p>MMR panel</p> <p>MPO</p> <p>Napsin</p> <p>PLAP</p> <p>P16</p> <p>P40</p> <p>P53</p> <p>PR</p> <p>PSA</p> <p>PAP</p> <p>S100</p> <p>SMA</p> <p>SYNAP</p> <p>Thrombomodulin (CD141)</p> <p>Thyroglobulin</p> <p>TTF1</p> <p>Vimentin</p> <p>WT1</p>









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<p>HUMAN BODY TISSUE (cont'd)</p> <p>Stained slides prepared in house as above</p>	<p><u>Morphological assessment / interpretation and diagnosis for Histopathology and Non-Gynae</u></p>	<p>Microscopy</p> <p>In house procedures:            F-089: Checklist for H&amp;E Stained Slides            ML-04: Block checking, Slide Labelling and Quality Checking Slides            ICC-28: Gold Standard Controls for ICC            SS-35: Gold Standard Controls for SS            ML-15: Gold Standard Controls for H&amp;E            N055: Gold Standard Controls for NG            Cell Path 101: Prophylactic Oophorectomy Cut Up            Cell Path 1337: Reporting Breast Cancer            Cell Path 1341: Urology Pathology            Cell Path 1342: Reporting Lymph Node, Bone Marrow and Splenic Specimens            Cell Path 1343: Protocol for reporting Lung cancer            Cell Path 1343: Protocol for reporting Lung cancer            Cell Path 1345: SKIN CANCER RESECTIONS            Cell Path 1351: Colorectal Cancer Reporting            Cell Path 1354: Protocol for reporting Cervical Biopsies</p> <p>Using microscopes as follows:            Olympus            Nikon            Zeiss</p>

END