


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 UKAS MEDICAL 8267 Accredited to ISO 15189:2012	University Hospitals Sussex NHS Foundation Trust	
	Issue No: 002 Issue date: 08 December 2021	
	Cellular Pathology St Richard's Hospital Spitalfield Lane Chichester West Sussex PO19 6SE	Contact: Jill Wright Tel: +44 (0)1243 788122 Ext. 33566 E-Mail: jill.wright5@nhs.net Website: www.uhsussex.nhs.uk
Testing performed by the Organisation at the locations specified below		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
Cellular Pathology St Richard's Hospital Spitalfield Lane Chichester West Sussex PO19 6SE	Jill Wright Tel: 01243 788122 Ext. 33566 E-Mail: Jill.Wright5@nhs.net Histopathology Non-gynae Cytology	A
Cellular Pathology Worthing Hospital Lyndhurst Rd Worthing West Sussex BN11 2DH	Jill Wright Tel: 01903 205111 Ext. 85700 E-Mail: Jill.Wright5@nhs.net Histopathology Non-gynae Cytology	B



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Site activities performed away from the locations listed above:

Location details	Activity	Location code
On-site Body Store St Richard's Hospital Spitalfield Lane Chichester West Sussex PO19 6SE Jill Wright Tel: 01243 788122 Ext. 33566 E-Mail: Jill.Wright5@nhs.net	Storage of bodies Viewing facilities Record keeping (body identification and audit trail)	A
On-site Mortuary and Body Store Worthing Hospital Lyndhurst Rd Worthing West Sussex BN11 2DH Jill Wright Tel: 01903 205111 Ext. 85700 E-Mail: Jill.Wright5@nhs.net	Storage of bodies Viewing facilities Record keeping (body identification and audit trail)	B
Southlands Hospital Upper Shoreham Rd Shoreham-by-Sea, West Sussex BN43 6TQ Jill Wright Tel: 01903 205111 Ext. 85700 E-Mail: Jill.Wright5@nhs.net	Storage of blocks and slides	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 BODY TISSUES AND FLUIDS	Histopathological examination activities for the purposes of clinical diagnosis	Macroscopic and Microscopic examination using in-house procedures (listed) in conjunction with manufacturer's instructions for the following methods (where relevant)	A, B
Tissue: biopsy, excision, resection and post-mortem specimens	Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis	Macroanalysis and dissection Manual method using: Specimen dissection including decalcification – Manual methods using documented procedures LP-HIS-PREPARINGCUTUP, , LP-HIS-Combined Decal	A, B A, B
Formalin Fixed Paraffin wax blocks of processed tissue.		Tissue Processing Using Leica Peloris II (LP-HIS-LEICAPEL) and Leica Peloris III (LP-HIS-LEICAPEL3)	A
		Tissue Embedding using Leica Embedding Centres (EG1150C/EG1150H) for Block Embedding (LP-HIS-EMBED)	A
		Tissue Sectioning Using Leica Microtomes (RM2255) (LP-HIS-MICROTOM)	A
Fresh and frozen tissue	Tissue specimen microanalysis, dissection and sampling	Sectioning using Leica Cryostat CM1860UV and CM1850 (LP-HIS-CRYOTOMY)	A, B



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HUMAN BODY TISSUES AND FLUIDS	Histopathological examination activities for the purposes of clinical diagnosis (continued)	Macroscopic and Microscopic examination using in-house procedures (listed) in conjunction with manufacturer's instructions for the following methods (where relevant)	
Formalin fixed, paraffin embedded (FFPE) tissue	Basophilic and eosinophilic tissue structures	Automated staining (H&E) Leica Spectra coverstainer (LP-HIS-SPECTRASTCV)	A
Formalin fixed, paraffin embedded (FFPE) tissue and frozen tissue	Basophilic and eosinophilic tissue structures	Manual staining (H&E) Haematoxylin and Eosin (LP-HIS-ManH&E)	A, B
		Interpretive/diagnostic microscopy using Leica DM2000, Olympus BH2, Olympus BX40, Olympus BX41, Olympus BX43, Olympus BX45, Olympus BX50, Olympus BX51, Nikon 80i & Nikon Eclipse 400 microscopes	A, B
Frozen skin sections	Identification of sites of immunoglobulin deposition Complement C3 Immunoglobulins IgA, IgG, IgM	Manual staining with fluorescent conjugated anti-human immunoglobulins IgA, IgG, IgM and C3 (LP-HIS-DIRSIMF & LF-HIS-IMFBUFRECSHT)	A



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HUMAN BODY TISSUES AND FLUIDS	Histopathological examination activities for the purposes of clinical diagnosis (continued)	Macroscopic and Microscopic examination using in-house procedures (listed) in conjunction with manufacturer's instructions for the following methods (where relevant)	
FFPE tissue	<u>Immunocytochemistry</u> Immunocytochemistry examination for the detection of:	Documented in house methods (LP-HIS-ICCRUN & LP-HIS-ICCMAN & LF-HIS-ICCMCT) used in accordance with Leica's operating instructions for the use of Leica Bond III for immunocytochemistry staining using antibodies:	
	Pan cytokeratin (broad range)	AE1/AE3 (MCK)	
	HGPIN, prostate adenocarcinoma	AMA-CR (Racemase/ p504S)	
	Epithelial cells	AUA-1 (MOC-31)	
	Diffuse lymph-proliferative disease and neoplastic cells of follicular lymphomas	BCL2	
	B cells, lymphomas	BCL6	
	Epithelial cell types	BerEP4	
	For ductal vs lobular breast carcinoma, Desmoid type fibromatoses	Beta-Catenin	



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HUMAN BODY TISSUES AND FLUIDS	Histopathological examination activities for the purposes of clinical diagnosis (continued)	Macroscopic and Microscopic examination using in-house procedures (listed) in conjunction with manufacturer's instructions for the following methods (where relevant)	
FFPE tissue	Immunocytochemistry examination for the detection of (cont'd)	Documented in house methods (LP-HIS-ICCRUN & LP-HIS-ICCMAN & LF-HIS-ICCMCT) used in accordance with Leica's operating instructions for the use of Leica Bond III for immunocytochemistry staining using antibodies:	
	Ovarian epithelial malignancies, seminal vesical carcinoma, anaplastic lymphoma	CA125	
	Reacts with human calretinin and intracellular calcium binding protein. Marker for mesotheliomas	Calretinin	
	Mature B cells, follicular dendritic cells, CALLA	CD10	
	Mast cells	CD117a (C-kit)	
	Differentiating B cells	CD138	
	Granulocytes, Reed-Sternberg cells	CD15	
	B cells	CD20 (L26)	
	Mature B cells, Follicular dendritic cells	CD21	



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HUMAN BODY TISSUES AND FLUIDS	Histopathological examination activities for the purposes of clinical diagnosis (continued)		
FFPE tissue	Immunocytochemistry examination for the detection of (cont'd)	Documented in house methods (LP-HIS-ICCRUN & LP-HIS-ICCMAN & LF-HIS-ICCMCT) used in accordance with Leica's operating instructions for the use of Leica Bond III for immunocytochemistry staining using antibodies:	A
	B cells, some T cells	CD23	
	T cells	CD3	
	Reed-Sternberg cells, plasma cells	CD30	
	Endothelial cells	CD31	
	Haematopoietic cells, vascular endothelium	CD34 (Q bend)	
	Mature T cells, T cell lymphomas	CD5	
	Natural killer cells, neuroendocrine tissues	CD56	
	Macrophages, monocytes, myeloid cells	CD68	
	B cells	CD79a	
	T cells	CD8	
	Intestinal epithelial cells, colorectal + other adenocarcinomas	CDX2	
	CEA glycoproteins	CEA	



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HUMAN BODY TISSUES AND FLUIDS	Histopathological examination activities for the purposes of clinical diagnosis (continued)		
FFPE tissue	Immunocytochemistry examination for the detection of (cont'd)	Documented in house methods (LP-HIS-ICCRUN & LP-HIS-ICCMAN & LF-HIS-ICCMCT) used in accordance with Leica's operating instructions for the use of Leica Bond III for immunocytochemistry staining using antibodies:	A
	Tissues of neuroendocrine origin	Chromogranin A	
	Stratified squamous epithelium, basal cells, mesotheliomas	CK5	
	Myoepithelial cells	CK14	
	Epithelial cells including ductal and glandular epithelia	CK19	
	Adenocarcinomas, columnar epithelial cells	CK20	
	Basal cells, filamentous keratins form glandular to stratified squamous, prostate adenocarcinoma	CK34BE12	
	Normal and neoplastic epithelia	CK7	
	Glandular and transitional cell epithelia which is used in diagnosing adenocarcinomas and most squamous cell carcinomas	CK8/18 (CAM5.2)	



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FFPE tissue	Immunocytochemistry examination for the detection of:	Documented in house methods (LP-HIS-ICCRUN & LP-HIS-ICCMAN & LF-HIS-ICCMCT) used in accordance with Leica's operating instructions for the use of Leica Bond III for immunocytochemistry staining using antibodies:	A
	CMV	CMV	
	Regulation of G1 check point of the cell cycle, the gene is overexpressed in mantle cell lymphoma	Cyclin D1	
	Lymphatic vessels	D2-40	
	Striated and smooth muscle cells	Desmin	
	Gastro Intestinal Stromal tumours (GIST)	DOG-1	
	Normal duct epithelial cells, ductal carcinoma	E-Cadherin	
	Normal and neoplastic epithelium	EMA	
	Nuclei of cells containing a high level of oestrogen	ER (Oestrogen Receptors)	
	V.W factor in endothelial cells	Factor XIIIa	
	Breast carcinoma	GATA3	
	Breast carcinoma	GCDFP-15	
	Hepatocellular carcinoma	Hepatocyte (Hep Par-1)	



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HUMAN BODY TISSUES AND FLUIDS	Histopathological examination activities for the purposes of clinical diagnosis (continued)		
FFPE tissue	Immunocytochemistry examination for the detection of:	Documented in house methods (LP-HIS-ICCRUN & LP-HIS-ICCMAN & LF-HIS-ICCMCT) used in accordance with Leica's operating instructions for the use of Leica Bond III for immunocytochemistry staining using antibodies:	A
	Melanoma, melanocyte differentiation	HMB45	
	H. pylori	H. pylori	
	Sex chord stromal tumours	Inhibin	
	B cells and plasma cells	Kappa light chains	
	Proliferating Cells	Ki-67	
	B cell follicles	Lambda light chains	
	B cells, T cells, monocytes, macrophages	LCA (CD45)	
	Mammaglobin specific (breast)	Mammaglobin	
	Melanoma marker	Melan A	
	Pan CytoKeratin marker	MNF116	
	Lympho-haemopoietic tumours	MUM-1	
	Lung cancers	Napsin-A	
	Germ cell tumours, seminomas	Oct 3/4	



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FFPE tissue	Immunocytochemistry examination for the detection of:	Documented in house methods (LP-HIS-ICCRUN & LP-HIS-ICCMAN & LF-HIS-ICCMCT) used in accordance with Leica's operating instructions for the use of Leica Bond III for immunocytochemistry staining using antibodies:	A
	HPV	P16	
	Squamous cells - adjunct to P63	P40	
	Cell proliferation	P53	
	Prostate basal cells, proliferative cells	P63	
	Glandular epithelium	PAP	
	Kidney & ovary	PAX-8	
	Germ cell tumours	PLAP	
	Nuclei of cells showing expression of Progesterone	PR (Progesterone Receptors)	
	Prostate secretory and ductal epithelium	PSA	
	Renal neoplasm	RCC	
	Schwann cells, nerve processes, S100 +ve neoplasms	S100	
	Smooth muscle cells, myoepithelial cells	Smooth Muscle Actin (SMA)	



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HUMAN BODY TISSUES AND FLUIDS FFPE tissue	Histopathological examination activities for the purposes of clinical diagnosis (continued) Immunocytochemistry examination for the detection of: Smooth muscle cells, myoepithelial cells Melanoma Neuroendocrine cells TTF-1 found in lung and thyroid (thyroid follicular cells) Cells of mesenchymal origin Epithelial cells and smooth muscle in fallopian tube. Wilms tumour	Documented in house methods (LP-HIS-ICCRUN & LP-HIS-ICCMAN & LF-HIS-ICCMCT) used in accordance with Leica's operating instructions for the use of Leica Bond III for immunocytochemistry staining using antibodies: Smooth Muscle Myosin (SMM) SOX-10 Synaptophysin TTF-1 Vimentin Wilms Tumour (WT-1)	A
HUMAN BODY TISSUES AND FLUIDS FFPE tissue	<u>Histopathology examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> Special stains for the detection of: Acid and neutral mucins	Manual special stains using method and stains as indicated: Alcian Blue-Diastase/Periodic Acid Schiffs Technique (LP-HIS-ABDPAS)	A



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HUMAN BODY TISSUES AND FLUIDS	<u>Histopathology examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u>		
FFPE tissue	Special stains for the detection of:	Manual special stains using method and stains as indicated:	A
	Amyloid	Congo Red (LP-HIS-CONGO)	
	Haematopoietic cells	Giemsa (LP-HIS-GIEMSA)	
	Helicobacter Pylori		
	Reticulin fibres	Gordon and Sweet's Method for Reticulin Fibres (LP-HIS-RETIC)	
	Gram positive and negative bacteria	Gram Stain (LP-HIS-GRAM)	
	Fungi	Grocott (LP-HIS-GROCOTT)	
	Melanin	Masson Fontana for Melanin (LP-HIS-MASSFONT)	
	Connective Tissues	Masson's Trichrome (LP-HIS-MASSTRI)	
	Removal of melanin pigment	Melanin bleach (LP-HIS-MELB)	
	Elastin and other connective tissues	Miller Elastic Van Gieson (LP-HIS-MEVG)	
	Lipid	Oil Red O for Lipid (LP-HIS-ORO)	
	Copper-associated protein and Hepatitis B-affected cells	Victoria Blue (LP-HIS-SS-VICTORIABLUE)	



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FFPE tissue	Special stains for the detection of: Connective Tissues Hemosiderin Mast cell granules Collagen Mycobacterium spp including tuberculosis	Manual special stains using method and stains as indicated: Picro Sirius Red (LP-HIS-PSR) & MSB (Martius Scarlet Blue = LP-HIS-MSB) Perl's Stain for Hemosiderin (LP-HIS-PERLS) Thionin (LP-HIS-THIONIN) Van Gieson Technique (LP-HIS-VG) Ziehl Neelsen Technique (LP-HIS-ZN)	A
Slides prepared in-house from sample types listed above	Morphological assessment and interpretation/diagnosis	Interpretive Microscopy (qualitative analysis) using Leica DM2000, Olympus BH2, Olympus BX40, Olympus BX41, Olympus BX43, Olympus BX45, Olympus BX50, Olympus BX51, Nikon 80i & Nikon Eclipse 400 microscopes (LP-HIS-RESULTH & LP-HIS-CPReport)	A, B



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<p>HUMAN BODY TISSUES AND FLUIDS</p> <p>Bronchial washings/lavages, FNA, (head and neck, breast), urine, sputum</p>	<p><u>Non-gynaecological Cytology examination activities in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u></p> <p>Detection of Cytological abnormality to aid clinical diagnosis</p>	<p>Documented in-house procedures for manual staining of the Romanowsky Staining Method (LP-CYT-ROMAN) and Papanicolaou Staining (LP-CYT-PAPANIC) using Leica Autostainer XL (LP-CYT-LEICAXL) Also, LI-CYT-NGCONTROL, LP-CYT-INTQC & LF-CYT-CONTROL</p>	<p>A</p>
<p>END</p>			