


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 Accredited to ISO 15189:2012	Barts Health NHS Trust as the host of NHS East and South East London Pathology Partnership	
	Issue No: 005 Issue date: 14 October 2021	
	Cellular Pathology Department 1st Floor Waterloo Block University Hospital Lewisham Lewisham High Street London SE13 6LH	Contact: Heather Dolphin Tel: +44 (0) 794 793 0392 E-Mail: heather.dolphin@nhs.net Website: www.lewishamandgreenwich.nhs.uk
Testing performed at the above address only		

Site activities performed away from locations listed above

Location details	Activity
Mortuary Waterloo Block University Hospital Lewisham Lewisham High Street London SE13 6LH	Mortuary Services Body receipt, storage and release Cellpath



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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 FLUIDS</p> <p>Body Fluids Fine needle aspirates –sputum, urine CSF, oesophageal washings and brushings, Conventional Bronchial Brushings, Serous fluids, Bronchial washings and Bronchial Alveolar lavage samples</p> <p>Synovial Aspirate (Synovial Fluid for Cytology)</p> <p>Body Fluids Fine needle aspirates –sputum, urine CSF, oesophageal washings and brushings, Conventional Bronchial Brushings, Serous fluids, Bronchial washings and Bronchial Alveolar lavage samples</p>	<p><u>Cytopathological examination activities for the purposes of clinical diagnosis</u></p> <p>Examination of cellular material in order to identify or exclude morphological and cytological abnormalities</p> <p>Demonstration of : Cells (nuclei and cytoplasm) and micro organisms</p> <p>Staining for cellular architecture and nuclear detail Identification of Basophilic and eosinophilic structures</p> <p>H&E staining for cellular architecture and nuclear detail Identification of Basophilic and eosinophilic structures</p> <p>Detection and identification of Crystals</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>Diagnostic cytology (non-gynae) in-house documented manual procedures for Preparation using SOP C5 and C2 Screening SOP C33 and Reporting using: Centrifuge SOP C10 Cytospin SOP C13 T2000 SOP C005 Tissue Tek Coverslipper SOP C002 Light Microscope, and SOP C12 Non-gynae specimen process</p> <p>Papanicolaou Stain using SOP C3</p> <p>Cytogiem SOP C25 MGG stain SOP C3</p> <p>H&E staining using SOP C41 Using a Gemini stainer</p> <p>Preparation and examination of joint fluids - using polarising microscopy SOP C5 and C2</p> <p>Interpretive/diagnostic microscopy SOP C12</p>



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HUMAN BODY TISSUE	<u>Histopathological examination activities for the purposes of clinical diagnosis</u>	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:
Fixed and fresh excisional and incisional biopsies and surgical resection specimens	Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis	Specimen dissection: Cut-up Manual - Routine Specimens SOP H011 and SOP H012 SOP 007 and H060 Decalcification in formic acid using SOP H013
Formalin fixed tissue including cell blocks	Tissue processing	Leica ASP300, Sakura Tissue Tek VIP 6 Tissue processors Using SOP H046 and H006
Formalin fixed tissue including cell blocks	Tissue embedding	Leica Tissue Tek Embedding centre Using SOP H016
Formalin Fixed Paraffin Embedded Tissue (FFPE)	Microtomy	3u sections cut using Microm H350s MicromHM200 Sakura Accu-cut SRM200CW And SOP H035
Formalin Fixed Paraffin Embedded Tissue (FFPE)	Basophilic and eosinophilic structures	Sakura Prisma and Film Coverslipper Automated H&E staining machine SOP H062 Heamatoxylin and Eosin stain for routine/rapid and SOP H007 changing the staining machine solutions and setting up the coverslipper
Fresh tissue	Intraoperative examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis	Bright Cryostats, models OTF and OTF5000 using SOP H021
Formalin Fixed Paraffin Embedded Tissue (FFPE) sections on glass slides	Basophilic and eosinophilic structures	Manual H&E Stain using SOP L011
	Acid mucins	Documented in-house procedures for manual Tinctorial Histochemical Special Stains using SOP HSS01 Alcian blue



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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:
Formalin Fixed Paraffin Embedded Tissue (FFPE) sections on glass slides	Acid and Neutral Mucopolysaccharides	Documented in-house procedures for manual Tinctorial Histochemical Special Stains using SOP HSS01 Alcian Blue/Periodic Acid Schiff
	Amyloid	Congo Red
	Elastic fibres	Elastic Van Gieson (Millers)
	Helicobacter pylori	Modified Giemsa
	Reticulin fibres	Gordon and Sweets
	Gram positive and negative bacteria	Gram Twort
	Pathogenic Fungi	Grocott Hexamine silver
	Connective tissue, fibrin	Martius Scarlett Blue (MSB)
	Melanin	Masson Fontana
	Melanin	Melanin Bleach
	Hepatitis B surface antigen	Orcein
	Fungi, glycogen, mucins	Periodic acid Schiff reaction (PAS)
	Fungi, glycogen, mucins	Periodic acid Schiff Diastase reaction (PASD)
	Iron	Perls Prussian Blue
	Mast cells	Toluidine Blue
	Collagen,muscle,RBCs	Weigerts Haematoxylin van Gieson
	Tubercle bacilli	Ziehl Neelsen



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Formalin Fixed Paraffin Embedded Tissue (FFPE) sections on glass slides	Immunohistochemistry to detect the following:	Documented in house procedures Benchmark Ultra Roche Immunostainer SOP I004
	Placental trophoblasts cells	b.HCG
	Subset of B and T lymphocytes	BCL2
	Subset of Epithelial cell types	BerEp4
	Gynaecological tract marker	CA125
	Parafollicular cells in thyroid and medullary thyroid carcinomas	Calcitonin
	Mesothelium, sex cord stromal tumours	Calretinin
	Low molecular weight cytokeratin	CAM5.2
	T cell marker	CD3
	Subset of B cells and T cells	CD5
	Subset of B cells, some epithelial cells	CD10
	Granulocytes, Reed-Sternberg cells	CD15 (LeuM1)
	B cells	CD20 (L26)
	Follicular dendritic cells	CD21
	Follicular dendritic cells, some B cells	CD23
	Activated B/T cells, Reed Sternberg cell, embryonal carcinoma	CD30
	Endothelial cells, macrophages	CD31



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Formalin Fixed Paraffin Embedded Tissue (FFPE) sections on glass slides (cont'd)	Immunohistochemistry to detect the following: (cont'd)	Documented in house procedures Benchmark Ultra Roche Immunostainer SOP I004
	Endothelial cells, variety of other neoplasm	CD34
	Pan leukocyte marker	CD45 (LCA)
	Neuroendocrine, Schwann cells, NK cells	CD56
	Macrophages	CD68
	B cells, plasma cells	CD79a
	GIST, mast cells, seminoma	CD117
	Plasma cells, squamous epithelium	CD138
	Marker of intestinal differentiation	CDX2
	Expressed by some adenocarcinomas	CEA
	Tissues of neuroendocrine origin Neuroendocrine marker	Chromogranin A
	High molecular weight cytokeratins	CK5/6
	Specific low molecular weight cytokeratin	CK7
	Specific low molecular weight cytokeratin	CK19
	Specific low molecular weight cytokeratin	CK20
	Expressed by CMV infected cells	CMV



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Formalin Fixed Paraffin Embedded Tissue (FFPE) sections on glass slides (cont'd)	Immunohistochemistry to detect the following: (cont'd)	Documented in house procedures Benchmark Ultra Roche Immunostainer SOP I004
	Striated and smooth muscle cells	Desmin
	GIST tumours	Dog-1
	Adhesion molecule, lost in lobular Ca breast	E Cadherin
	Subset of Normal and neoplastic epithelium	EMA
	Expressed by some breast and gynae carcinomas	ER
	Endothelial marker, megakaryocytes, platelets	Factor VIII
	Fibro histiocytic marker	Factor XIIIa
	Glial cells, myoepithelial cells	GFAP
	Mesothelial cells, some thyroid tumours	HBME-1
	HHV-8 infected cells in Kaposi's sarcoma lesions, primary effusion lymphoma, Castleman's disease	HHV8
	Immature melanocytes, Melanoma, others	HMB45
	Expressed by tumours with trophoblastic differentiation, but also by carcinomas of lung and stomach	HPL
	Expressed by cells infected with Herpes simplex	HSV
	Sex chord stromal tumours	Inhibin



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Formalin Fixed Paraffin Embedded Tissue (FFPE) sections on glass slides (cont'd)	Immunohistochemistry to detect the following: (cont'd)	Documented in house procedures Benchmark Ultra Roche Immunostainer SOP I004
	Subset of B cells and plasma cells	Kappa
	Proliferating cells	KI67
	B cell follicles	Lambda
	Melanocytes and melanoma	Melan A
	Pan-cytokeratin marker	MNF116
	Marker of high risk HPV	P16
	Over-expressed by some tumours	P53
	Squamous epithelium, basal cells	P63
	Neuroendocrine marker	PGP9.5
	Expressed by Placenta , germ cell tumours	PLAP
	Expressed by prostatic epithelium, some salivary tumours	PSA
	Expressed by Prostatic epithelium, carcinoid	PSAP
	Expressed by melanocytes, Schwann cells, myoepithelial	S100
	Smooth muscle cells, myoepithelial cells	SMA
	Neuroendocrine cells	Synaptophysin
	Thyroglobulin containing cells (thyroid)	Thyroglobulin



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Formalin Fixed Paraffin Embedded Tissue (FFPE) sections on glass slides (cont'd)	Immunohistochemistry to detect the following: (cont'd)	Documented in house procedures Benchmark Ultra Roche Immunostainer SOP I004
	Thyroid, adenocarcinoma lung	TTF-1
	Cells of mesenchymal origin	Vimentin
	Mesothelium, Ovarian serous carcinoma	WT-1
Formalin Fixed Paraffin Embedded Tissue (FFPE) sections on glass slides	Morphological assessment and interpretation/diagnosis	Interpretive Microscopy Using SOP CPPOL052 Cellular Pathology reporting policy – (index change) SOP H053 BCS and BSS reporting
END		