


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 Accredited to ISO 15189:2022	University Hospitals Dorset NHS Foundation Trust	
	Issue No: 009	Issue date: 28 February 2025
	Cellular Pathology Department The Dorset Pathology Hub Royal Bournemouth Hospital Castle Lane East Bournemouth BH7 7DW United Kingdom	Contact: Nathan Bourne Tel: +44 (0) 300 019 4879 E-Mail: nathan.bourne@uhd.nhs.uk Website: www.uhd.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
Address: Cellular Pathology Department The Dorset Pathology Hub Royal Bournemouth Hospital Castle Lane East Bournemouth BH7 7DW Local contact: Alexandra Grainey Tel: +44 (0) 300 019 4834	Routine Histopathology Special Stains Frozen section service Immunohistochemistry Reporting	RBH
Poole Hospital Pathology Department Poole Hospital Longfleet Road Poole BH15 2JB	Specimen reception Frozen section service Specimen dissection Diagnostic cytology Andrology Reporting	PH

Site activities performed away from the locations listed above:

Location details	Activity
FNA Clinic Royal Bournemouth Hospital Castle Lane East Bournemouth BH7 7DW	Rapid On site assessment FNA adequacy checks
Endoscopy EBUS clinic Poole Hospital Longfleet Road Poole BH15 2JB	Rapid On site assessment FNA adequacy checks



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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 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:	
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 <i>diagnosis</i>	Specimen reception [B-CP-P-00067] Specimen dissection – [B-CP-P-00044] Specimen Dissection Guidelines (Pathologist) [B-CP-P-00045] Specimen dissection guidelines (BMS only) [B-CP-P-00046] Specimen preparation guidelines – Poole (BMS) U-CLP-P-6/16/128/131/129/132/133/135/136/137/138/142/143/145/146 Specimens requiring special instruction [B-CP-P-00077]	RBH PH
Formalin Fixed Paraffin wax blocks of processed tissue.		Tissue processing using Sakura VIP A1 Tissue processors [B-CP-P-00076]	RBH
		Decalcification [B-CP-P-00080]	RBH
		Tissue Embedding Using Tissue Tek embedding stations [B-CP-P-00078]	RBH
Formalin Fixed Paraffin wax blocks of processed tissue.		Microtomy using Eprelia 355S/HM325 Microtomes, [B-CP-P-00079]	RBH
Tissue for frozen sections		Frozen section technique and requests Using Eprelia NX70 Cryostats[B-CP-P-00081]	RBH PH
FFPE slides (Formalin fixed paraffin embedded) and frozen sections prepared in house as above	Routine morphological staining for the detection of:	Routine morphological staining Sakura Prisma stainer / coverslipper using Haematoxylin and Eosin [B-CP-P-00001]	
	Basophilic and eosinophilic structures	Rapid H&E stain for frozen section [B-CP-P-00048] Staining, instructions to use the Sakura Prisma slide stainers, and checking out [B-CP-P-00085]	RBH PH RBH



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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:	
	Special stains for the detection of:	Documented in-house procedures for Sakura prisma slide stainer for special stains	RBH
FFPE slides	Acid Mucopolysaccharides	Alcian Blue (pH 2.5) Technique (Lison 1954) [B-CP-P-00016]	RBH
	Acid and Neutral Mucopolysaccharides	Alcian Blue - Periodic Acid/Schiff (ABPAS) Technique [B-CP-P-00005]	RBH
	Elastic fibres and connective tissue	Haematoxylin Van Gieson [B-CP-P-00002]	RBH
	Gram positive and negative microorganisms	Gram Stain for Micro-organisms [B-CP-P-00021]	RBH
	Basophilic and eosinophilic structures, cellular tissue and architecture	Haematoxylin & Eosin (H&E) [B-CP-P-00001]	RBH
	Melanin, Argentaffin cells and Lipofuscin pigment	Masson-Fontana Method [B-CP-P-00025]	RBH
	Elastic fibres	Miller's Elastic Stain [B-CP-P-00010]	RBH
	Neutral Mucopolysaccharides, glycogen, A1AT deficiency, basement membrane disruption and fungus	Periodic Acid/Schiff (PAS) Technique [B-CP-P-00003]	RBH
		Diastase (Amylase) - Periodic Acid/Schiff (PAS+D) Technique [B-CP-P-00004]	RBH
	Copper-associated protein and Hepatitis B-surface antigen affected cells	Orcein – Shikata's Method [B-CP-P-00009]	RBH
	Helicobacter Pylori	Cresyl Fast Violet [B-CP-P-00039]	RBH



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HUMAN BODY TISSUE (cont'd)	<u>Histopathological examination activities for the purposes of clinical diagnosis</u> (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:	
	Spirochetes, Legionella pneumophila	Dieterle's Method for Spirochaetes & Legionella [B-CP-P-00018]	RBH
	<u>Automated Special Stains</u>	Documented in house procedures for Ventana Benchmark Special Stains System	RBH
FFPE	Reticulin fibres (Collagen III)	Reticulin [U-CLP-P-42]	RBH
	Connective Tissue, Muscle	Trichrome Blue [U-CLP-P-39]	RBH
	Melanin	Melanin Bleach [U-CLP-P-38]	RBH
	Tubercle bacilli (acid and alcohol fast bacilli)	Ziehl-Neelson Method AFB III [U-CLP-P-43]	RBH
	Amyloid	Congo Red [U-CLP-P-46]	RBH
	Fungi (Aspergillus) and Pneumocystis	GMS II Grocott's Hexamine Silver Method [U-CLP-P-49]	RBH
	Haemosiderin and ferric iron	Perls' Prussian Blue Reaction for Ferric Iron [U-CLP-P-41]	RBH
	<i>Helicobacter pylori</i> / morphology	Giesma stain [U-CLP-P-45]	RBH
	<u>Immunohistochemistry for the purposes of clinical diagnosis</u>	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:	
FFPE slides	Detection of the following:	Ventana Benchmark Ultra Immunohistochemistry [B-CP-P-00041]	RBH
	Epithelial cell types, cytokeratins	AE1/AE3	RBH
	Embryonic cell in normal tissue and germ tumours	Alpha Fetoprotein	RBH



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HUMAN BODY TISSUE (cont'd)	<u>Immunohistochemistry for the purposes of clinical diagnosis</u>	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:	
FFPE slides (cont'd)	Detection of the following:	Ventana Benchmark Ultra Immunohistochemistry [B-CP-P-00041]	
	HGPIN, prostate adenocarcinoma	AMACR (racemase)	RBH
	Beta-Catenin a 92 kD protein	B-Catenin	RBH
	Neoplasms	BCL-1 Cyclin D1	RBH
	Diffuse lymph-proliferative disease and neoplastic cells of follicular lymphomas. B cells of mantle zone, interfollicular T cells.	BCL-2 oncoprotein	RBH
	Follicular centre B cells	Bcl-6	RBH
	Epithelial cell types	Ber Ep4	RBH
	Calcitonin producing cells of thyroid	Calcitonin	RBH
	Reacts with human calretinin and intracellular calcium binding protein. Marker for mesotheliomas	Calretinin	RBH
	Low Molecular Weight Cytokeratin Marker	CAM	RBH
	T cells	CD3	RBH
	T cells , B cells in the mantle zone	CD5	RBH
	Follicular dendritic cells, CALLA	CD10	RBH
	B cells	CD20	RBH
	B cells, Follicular dendritic cells	CD23	RBH
	Reed-Sternberg cells in Hodgkins lymphoma, plasma cells	CD30	RBH
	Vascular endothelial cells	CD31	RBH



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HUMAN BODY TISSUE (cont'd)	<u>Immunohistochemistry for the purposes of clinical diagnosis</u> (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:	RBH
FFPE slides (cont'd)	Detection of the following: (cont'd)	Ventana Benchmark ULTRA Immunohistochemistry [B-CP-P-00041]	
	Vascular endothelial cells	CD34	RBH
	Macrophages, myeloid elements	CD68	RBH
	B cell marker	CD79a	RBH
	T lymphocytes, cortical thymocytes, granulosa cells of ovary, pancreatic islet cells, CNS and sertoli cells	CD99	RBH
	GIST	CD117	RBH
	Intestinal epithelial cells, colorectal and other adenocarcinomas	CDX-2	RBH
	Tissues of neuroendocrine origin	Chromogranin	RBH
	Basal cells, filamentous keratins form glandular to stratified squamous, prostate adenocarcinoma, myoepithelia cells in breast	Cytokeratin (HMWCK/34βE12)	RBH
	Epithelial tissue from glandular to stratified squamous – broad range cytokeratin marker	Cytokeratin (MNF116)	RBH
	Stratified squamous epithelium, basal cells, mesotheliomas	Cytokeratin 5/6	RBH
	Normal and neoplastic ductal, glandular and transitional epithelia	Cytokeratin 7	RBH
	Cytokertain 19	CK19	RBH
	Normal and neoplastic epithelial cells of colonic lineage	Cytokeratin 20	RBH



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FFPE slides (cont'd)	Detection of the following: (cont'd)	Ventana Benchmark ULTRA Immunohistochemistry [B-CP-P-00041]	RBH
	Striated and smooth muscle cells	Desmin	RBH
	Cell adhesion molecule	E-Cadherin	RBH
	Normal and neoplastic epithelium	EMA	RBH
	Histiocytic cells	Factor XIIIa	RBH
	Her 2 expression	Her2 (4B5)	RBH
	Melanoma, melanocyte differentiation	HMB45	RBH
	Proliferating Cells	Ki-67	RBH
	B Cells, T Cells, monocytes, macrophages, eosinophils	LCA (CD45)	RBH
	Mis-match repair (MMR), colorectal tumours	Ventana MMR panel (MLH-1, MHS2, MHS6 and PMS2)	RBH
	Melanoma marker	Melan-A	RBH
	Lung cancers, Napsin A expression	Napsin A	RBH
	Neural cell adhesion marker	N-CAM (CD56)	RBH
	Nuclei of cells containing a high level of oestrogen	Oestrogen Receptors	RBH
	Tumour suppression marker, HPV driven tumour e.g. Squamous cell carcinoma	P16	RBH
	Basal Cell marker, Squamous epithelium	P63	RBH
	Renal Cell/ ovarian carcinomas	PAX-8	RBH



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HUMAN BODY TISSUE (cont'd)	<u>Immunohistochemistry for the purposes of clinical diagnosis</u> (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified: Ventana Benchmark XT Immunohistochemistry [B-CP-P-00041]	
	PD-L1 in tumour cells and immune cell infiltrates to predict response to anti-PD1 and PD-L1 directed therapies	PD-L1	RBH
	Nuclei of cells showing expression of Progesterone	Progesterone Receptors	RBH
	Prostate secretory and ductal epithelium	PSA-M	RBH
	Schwann cells, nerve processes, S100 +ve neoplasms eg Melanoma	S100	RBH
	Smooth muscle cells, myoepithelial cells	Smooth Muscle Actin (SMA)	RBH
	Smooth muscle cells, myoepithelial cells	Smooth Muscle Myosin (SMM)	RBH
	Neuroendocrine cells	Synaptophysin	RBH
	TTF-1 found in epithelial cells of lung and thyroid (thyroid follicular cells)	TTF-1	RBH
	Cells of mesenchymal origin	Vimentin	RBH
	Granulocytes, Reed-Sternberg in Hodgkins disease	CD15	RBH
	Mature B cells, Follicular dendritic cells	CD21	RBH



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HUMAN BODY TISSUE (cont'd)	<u>Immunohistochemistry for the purposes of clinical diagnosis</u> (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified: Ventana Benchmark XT Immunohistochemistry [B-CP-P-00041]	RBH
	Platelet surface membrane glycoprotein	CD61	RBH
	Macrophages, monocytes and myeloid cells	CD68 (KP-1)	RBH
	Plasma cells	CD138	RBH
	Cytomegalovirus	CMV	RBH
	Erythrocyte membrane glycoprotein	Glycophorin C	RBH
	Normal and neoplastic hepatocytes	Hepatocyte	RBH
	Human Papilloma virus	HPV	RBH
	Neutrophils	Neutrophil elastase	RBH
	Tumour suppressor gene, Neoplastic cells in epithelium	P53	RBH
Slides prepared in house as above	Thyroglobulin containing cells CEA glycoproteins in adenocarcinoma	Thyroglobulin CEA	RBH
	Epithelial cells and smooth muscle in fallopian tube. Wilms tumour	WT-1	RBH
	Morphological assessment and interpretation / diagnosis	<u>Microscopy (qualitative analysis)</u> In-house procedure: Histology Reporting and Results Entry U-CLP-R-18/151 using: Leitz/Nikon/Olympus microscopes Specimen reporting [B-CP-P-00047]	RBH PH



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<p>NG Specimens including: Serous Cavity Effusions Washings/Brushings EBUS, Smears CSF Urine Fluids FNA Respiratory (excluding FNA) Sputum Skin scraping</p> <p>Slides prepared in house from samples listed above</p> <p>Slides prepared in house as above</p>	<p><u>Diagnostic Cytopathology (Non-Gynae) 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>Cytological assessment and interpretation / diagnosis</p>	<p>In-house documented procedures using manual methods or equipment in conjunction with manufacturers' instructions as specified:</p> <p>Diagnostic cytology (non-gynae) in-house documented manual procedures for preparation, screening and reporting</p> <p>Attending clinics – Cytopathology [B-CP-P-01002] Hettich Rotofix 32A cytology centrifuge</p> <p>Sakura Prisma Tissue Tek Plus multi-stainer U-CLP-P-92</p> <p><u>Papanicolaou staining</u> Automated method using in-house procedures in conjunction with manufacturer's instructions using: Sakura Prisma Tissue Tek Multistainer U-CLP-P-91, 92, 97 Manual MGG and Quick Diff staining</p> <p><u>Microscopy (qualitative analysis):</u> Leitz/Nikon/Olympus microscopes Non-Gynae Reporting & Results Entry U-CLP-P-97/151 Specimen Reporting [B-CP-P-00047]</p>	<p>PH</p> <p>RBH PH</p> <p>PH</p> <p>RBH PH</p>



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HUMAN BODY FLUIDS	<u>Andrological examination activities for the purposes of clinical diagnosis</u>		
Semen	<u>Post vasectomy:</u> Detection of sperm	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 and documented in-house procedure U-CLP-P-78/79	PH
Semen	<u>Fertility testing:</u> Volume pH Sperm morphology including 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 using documented in-house procedures: U-CLP-P-78/80/84 Volume/weight pH meter Stained slides (Papanicolau) microscopy (Bright field) Microscopy (Phase contrast) Microscopy (Phase contrast)	
END			