


Schedule of Accreditation

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United Kingdom Accreditation Service

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

 Accredited to ISO 15189:2022	Synnovis Analytics LLP Issue No: 021 Issue date: 11 June 2025	
	Cellular Pathology 2nd Floor North Wing St. Thomas' Hospital Westminster Bridge Road London SE1 7EH United Kingdom	Contact: Karen Boniface Tel: +44 (0) 2071187118 ext 54607 E-Mail: karen.boniface@synnovis.co.uk Website: www.synnovis.co.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 2 nd Floor, North Wing St. Thomas' Hospital Westminster Bridge Road London SE1 7EH	Local contact Karen Boniface (as above)	Diagnostic Cytopathology Andrology	ST
Head & Neck / Oral Pathology Laboratory 4 th Floor, Tower Wing Guy's Hospital Great Maze Pond London SE1 9RT	Karen Boniface (as above)	Histopathology Rapid frozen section for intra-operative diagnosis	GHN

Site activities performed away from the locations listed above:

Location details		Activity	Location code
Gassiot House Andrology Clinic St. Thomas' Hospital	Karen Boniface (as above)	Andrology sample production only	N/A
Fine Needle Aspirate (FNA) Clinics Westminster Bridge Road site	Karen Boniface (as above)	FNA material/slide preparation Cellularity assessment	STFNA
FNA Clinics Great Maze Pond site	Karen Boniface (as above)	FNA material/slide preparation Cellularity assessment	GFNA



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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 TISSUES AND FLUIDS	<u>Diagnostic Cytology</u>		
Body fluids: Cerebrospinal fluid (CSF) Urine General body fluids Bronchial Brushings, washings and sputum	Preparation and examination of cellular material to identify or exclude morphological & cytological abnormalities	<u>Preparation/centrifugation</u> In-house procedures: CPC-SOP-112 Non-Gynae Preparation in conjunction with manufacturer's instructions using: Thermo Shandon Cytospins 3 & 4 Heraeus Megafuge 1.0 & Megafuge 40 Hologic T2000processor	ST
		<u>Papanicolaou staining</u> Automated using in-house procedures: CPC-SOP-111 Non-Gynae Staining in conjunction with manufacturer's instructions using: Leica Autostainer ST5020 Leica Autostainer XL	ST
Slides prepared in-house from sample types listed above	Morphological assessment and interpretation/diagnosis	<u>Microscopy (qualitative analysis)</u> In-house procedures: CPC-SOP-117 Non-Gynae Screening using microscopes as follows: Olympus BX40F Olympus BX40 Olympus BX41 Olympus BX45 Olympus BX46 Olympus BX53 Nikon	ST



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HUMAN TISSUES AND FLUIDS (cont'd) Fine needle aspirations (FNA)	<u>Diagnostic Cytology</u> (cont'd) Cellularity assessment (sample adequacy confirmation) followed by subsequent processing and analysis in the Cytopathology Laboratory (ST)	<u>Material/slide preparation followed by microscopy</u> Manual methods using: CPC-SOP-73 FNA and: Olympus BX40, BX41 microscopes Flexible scope protocols: CP-SOP-27 Flexible scope limited to the application of these methods for commissioning & operation of FNA clinics listed in CPC-REC-31 FNA Clinic Log	STFNA GFNA
Fresh tissue Frozen tissue	Intra-operative diagnosis	<u>Rapid frozen section</u> Cryotomy and manual Haematoxylin & Eosin (H&E) staining method using: CPH-SOP-30 Frozen Section Room (GH) and: Thermo Scientific FSE Cryostat	GHN



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<p>HUMAN TISSUES AND FLUIDS (cont'd)</p> <p>FFPE tissue</p>	<p><u>Histopathology</u></p> <p>Preparation and examination to identify or exclude morphological & cytological abnormalities</p> <p>Target antigens in tissue sections</p>	<p>Macroscopic and Microscopic examination using in-house procedures (listed) in conjunction with manufacturer's instructions for the following methods (where relevant)</p> <p>Flexible Scope protocols: CPHN-SOP-1 Management of UKAS Flexible Scope: Immunohistochemistry and in-situ hybridisation testing using:</p> <p><u>Ventana Benchmark Ultra Immunostainer with:</u></p> <ul style="list-style-type: none"> • Antigen Retrieval Methods • Ultra Cell Conditioning Solution 1 (CC1) • Ultra Cell Conditioning Solution 2 (CC2) • Protease 1 • Protease 3 • Detection Kits • UltraView DAB • Optiview DAB • Ultraview Amplification Kit • Optiview DAB Amplification Kit • iView Blue Kit • iView Blue Plus Kit <p>Flexible scope limited to the application of these methods for the detection of target antigens in tissue sections CPH-INST-395 (Site ST) and HN-INST-138 (Site GHN) record of changes within flexible scope</p>	<p>GHN</p>



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HUMAN TISSUES AND FLUIDS (cont'd)	<u>Histopathology</u> (cont'd) Preparation and examination to identify or exclude morphological & cytological abnormalities (cont'd)	Macroscopic and Microscopic examination using in-house procedures (listed) in conjunction with manufacturer's instructions for the following methods (where relevant)	
Slides prepared in-house from sample types listed above	Morphological assessment and interpretation/diagnosis	CPH-SOP-64 Consultant Reporting using: Nikon E400 Olympus BH2	GHN
Tissue samples from head and neck	Preparation and examination to identify or exclude morphological & cytological abnormalities	<u>Macroanalysis and dissection</u> Manual method using: HN-SOP-45 HN-SOP-20 HN-SOP-84	GHN
		<u>Decalcification</u> Manual method using: HN-SOP-46	GHN
		<u>Tissue processing</u> Automated method using: HN-SOP-47 and: Sakura Tissue Tek VIP6	GHN
		<u>Embedding</u> Manual method using: HN-SOP-48 and: Leica EG1150 Embedding Centre	GHN
		<u>Microtomy</u> Manual method using: HN-SOP-48 and: Reichert Jung 2030 & Leica RM2235 rotary microtomes	GHN



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HUMAN TISSUES AND FLUIDS (cont'd)	<u>Histopathology</u> (cont'd) Preparation and examination to identify or exclude morphological & cytological abnormalities (cont'd)	Macroscopic and Microscopic examination using in-house procedures (listed) in conjunction with manufacturer's instructions for the following methods (where relevant)	
FFPE tissue	Basophilic and eosinophilic tissue structures	<u>Routine Haematoxylin & Eosin (H&E) staining</u> Automated method using: HN-SOP-80 and: Leica Autostainer XL	GHN
FFPE tissue	Carbohydrates	<u>Special staining</u> Partially automated method using: HN-SOP-49 and: PAS +/-diastase stain with counterstaining using: Leica Autostainer XL	GHN



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HUMAN TISSUES AND FLUIDS (cont'd)	<u>Histopathology</u> (cont'd)	Macroscopic and Microscopic examination using in-house procedures (listed) in conjunction with manufacturer's instructions for the following methods (where relevant)	GHN
FFPE tissue	Preparation and examination to identify or exclude morphological & cytological abnormalities (cont'd)		
	Detection of the following:	<u>Special staining</u> Manual methods using: HN-SOP-49 and the following stains:	
	Acid mucins (sulphomucins & sialomucins); neutral mucins; mixed mucins	Alcian Blue/PAS +/-diatase	
	Acid mucins (sulphomucins & sialomucins); neutral mucins; mixed mucins	Long ABPAS	
	Amyloid	Highman's Congo Red	
	Gram positive/negative bacteria	Gram's stain	
	Fungi	Grocott	
	All tissue structures	Haematoxylin & Eosin (manual)	
	Connective tissue; muscle	Heamatoxylin Van Gieson	
	Fibrin	Martius, Scarlet & Blue (MSB)	
	Melanin	Masson Fontana	
	Melanin	Melanin Bleach	
	Elastic fibres	Miller's Elastic Van Gieson	
	Haemosiderin	Perls' Prussian Blue	
	<i>Mycobacterium tuberculosis</i>	Ziehl Neelsen	



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HUMAN TISSUES AND FLUIDS (cont'd)	<u>Histopathology</u> (cont'd) Preparation and examination to identify or exclude morphological & cytological abnormalities (cont'd)	Macroscopic and Microscopic examination using in-house procedures (listed) in conjunction with manufacturer's instructions for the following methods (where relevant)	
Intra-operative frozen sections from head and neck	Frozen section examination to identify or exclude morphological & cytological abnormalities	<u>Cryotomy</u> using: HN-SOP-18 and: Leica CM1850 Cryostat	GHN
	Basophilic and eosinophilic tissue structures	<u>Routine H&E staining</u> Manual method using: HN-SOP-48 Automated method using: HN-SOP-18 HN-EXT-84 and Thermo Shandon Linistat	GHN
Slides prepared in house from samples listed above	Morphological assessment and interpretation/diagnosis	<u>Microscopy (qualitative analysis)</u> using: HN-SOP-26 and microscopes : Olympus BX50 Olympus BX51 Olympus BX53 Olympus BH2 Nikon Eclipse E400	GHN



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HUMAN TISSUES AND FLUIDS (cont'd)	<u>Histopathology</u> (cont'd) Preparation and examination to identify or exclude morphological & cytological abnormalities (cont'd)	Macroscopic and Microscopic examination using in-house procedures (listed) in conjunction with manufacturer's instructions for the following methods (where relevant)	
Tissue samples from oral mucosa	Ploidy examination to identify or exclude chromosomal instability indicative of malignant transformation for the purpose of diagnosis	<u>Preparation of monolayers</u> Manual methods using: HN-SOP-59 and: Aquatron Shaking Water Bath, Dade Microfuge Immunofuge II, and Thermo Shandon Cytospin IV	GHN
	Chromosomal material	<u>Feulgen staining</u> Manual method using: HN-SOP-59	GHN
Slides prepared in house from samples listed above	Assessment and interpretation/diagnosis	<u>Scanning monolayers, qualitative and histogram analysis</u> using: HN-SOP-59 and: Zeiss Axioplan microscope DNA Image Ploidy System Prior Scientific robotic stage & controller Zeiss Axiocam Rev3 computer	GHN



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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 microscopy and documented in-house procedure CPC-SOP-128	ST
Semen	<u>Fertility testing:</u> Volume pH Sperm morphology excluding TZI scoring Sperm concentration Sperm motility Sperm vitality Sperm concentration Sperm motility	Based on WHO laboratory manual for the examination and processing of human semen (Sixth edition 2021) and manual method and documented in-house procedure CPC-SOP-128 Volume/weight Colorimetric strips Stained slides (Papanicolau) microscopy (Bright field) Improved Neubauer counting chambers and Microscopy (Phase contrast) Microscopy (Phase contrast) Stained slide (Eosin/Nigrosin dye exclusion test) microscopy (Bright field) Automated using Sperminator CASA system	ST
END			