


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>Accredited to ISO 15189:2012</p>	Norfolk and Norwich University Hospitals NHS Foundation Trust	
	Issue No: 004 Issue date: 16 August 2021	
	Norfolk and Waveney Cellular Pathology Service The Cotman Centre Colney Lane Norwich NR4 7UB	Contact: Phil Hinson Tel: +44 (0) 1603 286 950 Fax: +44 (0) 1603 286 017 E-Mail: Philip.hinson@nnuh.nhs.uk Website: http://www.nnuh.nhs.uk/Dept.asp?ID=360
Testing performed at the above address only		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY TISSUE AND FLUIDS Fixed and fresh tissue, excisional and incisional biopsies and surgical resection specimens Calcified Tissue samples Fixed and fresh tissue, excisional and incisional biopsies and surgical resection specimens Fixed and fresh tissue, excisional and incisional biopsies and surgical resection specimens	<u>Histopathological examination activities for the purposes of clinical diagnosis</u> Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis	Macroscopic and Microscopic examination supported by documented in house methods incorporating manufacturers' instructions where relevant: Specimen dissection: HIS.CUT.P.1& 7 HIS.LT.P.1&2 Decalcification of bony samples to allow subsequent histopathological examination: HIS.CUT.P.09A HIS.CUT.P.11 Macroscopic tissue description, dissection and creation of 'block' size pieces for processing: HIS.BD.P.1-6 HIS.MED.P.04 Routine Paraffin Wax (Xylene and IPA based) processing and tissue sectioning: Leica Peloris & Tissue TEK VIP Tissue Processors Leica HistoCore Multicut Microtomes Leica H&E, following in house procedures:- HIS.PR.P.02 HIS.BL.P.01 HIS.BL.P.02



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Fresh tissue, excisional and incisional biopsies and surgical resection specimens</p> <p>Fresh tissue, excisional and incisional biopsies and surgical resection specimens</p> <p>Fixed and frozen tissue prepared as above</p> <p>Fixed tissue prepared as above</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u></p> <p>Visualisation of nuclear detail in cells</p> <p>Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</p> <p>Demonstration of:</p> <p>Mucins</p> <p>Acid Mucins</p> <p>Amyloid</p>	<p>Macroscopic and Microscopic examination supported by documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Leica Cryostat CM 1850 UV, Cryostar NX70 Routine Frozen Sections following in house procedures:-HIS.FS.P.01</p> <p>Leica Cryostat CM 1850 UV, Cryostar NX70 MOHs Frozen Sections following in house procedures:- HIS.FS.P.06</p> <p>Automated Haematoxylin and Eosin stain: Leica Autostainer 5020 with Coverslipper CV5030 module, following in house procedures:- HIS.SL.P.1-2</p> <p>Manual special stains -</p> <p>AB PAS/+-D/Hales Mucicarmine HIS.SS.P.1,2,16,21,25 & 26</p> <p>Alcian Blue.</p> <p>Alkaline potassium permanganate Congo red, HIS.SS.P.4 &31</p>



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Fixed tissue prepared as above (cont'd)</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u></p> <p>Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)</p> <p>Demonstration of: (cont'd)</p> <p>Elastin</p> <p>Bile Pigment</p> <p>Haemopoetic tissue</p> <p>Diferentiation of gram positive and gram negative bacteria</p> <p>Argyrophil Cells</p> <p>Connective Tissue</p> <p>Fibrin</p> <p>Melanin pigment</p> <p>Fungi</p> <p>Lipid droplets</p>	<p>Microscopic examination supported by documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Manual special stains:-</p> <p>Elastin van Gieson, Elastin Picro Sirius red HIS.SS.P.8</p> <p>Fouchet van Gieson HIS.SS.P.9</p> <p>Giemsa HIS.SS.P.11</p> <p>Gram Gram twort HIS.SS.P.12 & 13</p> <p>Grimeilus silver method HIS.SS.P.14</p> <p>Haematoxylin van Gieson HIS.SS.P.38</p> <p>Martius Scarlet Blue HIS.SS.P.18</p> <p>Masson Fontana, Schmorl's Ferricyanide HIS.SS.P.19&34</p> <p>Microwave Grocott PAS+D HIS.SS.P.15</p> <p>Oil red 'o' HIS.SS.P.22</p>



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HUMAN BODY TISSUE AND FLUIDS (cont'd)	<u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u>	Microscopic examination supported by documented in house methods incorporating manufacturers' instructions where relevant:
Fixed tissue prepared as above (cont'd)	Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)	Manual special stains:-
	Demonstration of: (cont'd)	
	Glycogen (and other PAS +ve substances)	PAS+/- Diastase HIS.SS.P.25 & 26
	Basement membranes	PAS+Diastase, PA Silver HIS.SS.P.23 & 26
	Haemosiderin pigment	Perl's Stain HIS.SS.P.27
	Asbestos Fibres	Perls Stains HIS.SS.P.28
	Muscle Striations	Phosphotungstic acid haematoxylin HIS.SS.P.30
	Reticulin Fibres	Rhodanine HIS.SS.P.32
	Lipofuscin	Schmorl's Ferricyanide HIS.SS.P.34
	Copper Associated Protein	Shikata's Orcein HIS.SS.P.35
	Mast Cells	Toluidine blue HIS.SS.P.36
	Calcium Salts	Von Kossa van Gieson HIS.SS.P.39
	Spirochetes	Warthin Faulkner HIS.SS.P.40



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Fixed tissue prepared as above (cont'd)</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u></p> <p>Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)</p> <p>Mycobacteria</p> <p>Mucins</p> <p>Amyloid</p> <p>Differentiation of gram positive and gram negative bacteria</p> <p>Glycogen</p> <p>Basement Membranes</p> <p>Haemosiderin pigment</p> <p>Asbestos Fibres</p> <p>Copper associated protein</p>	<p>Microscopic examination supported by documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Special stains using DAKO Artisan automated stainer:-</p> <p>Ziehl Neelsen, Modified Ziehl Neelsen HIS.SS.P.41 & 42</p> <p>AB PAS/+D HIS SS P 25 & 26</p> <p>Alkaline potassium permanganate Congo Red HIS SS P.4 & 31</p> <p>Gram; Gram twort HIS SS P12 & 114</p> <p>PAS+/- Diastase HIS SS P 25 & 26</p> <p>PAS+/- Diastase HIS SS P 23</p> <p>Perl's Stain HIS SS P 27</p> <p>Perl's Stain HIS SS P 28</p> <p>Shikata's Orcein HIS SS P 35</p>



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HUMAN BODY TISSUE AND FLUIDS (cont'd)	<u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u>	Microscopic examination supported by documented in house methods incorporating manufacturers' instructions where relevant:
Fixed tissue prepared as above (cont'd)	Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)	
	Demonstration of: (cont'd)	Immunohistochemistry by detection of antigens using Leica Bond III Autostainers: HIS.IM.P.01-15
	Basal Cells	34 BE12
	Endocrine Tissue	ACTH
	Pan Cytokeratin	AE1/AE3
	Lymphoma/Non Small Cell Lung Carcinoma	ALK1
	Prostate grading	AMACR (Racemase)
	Amyloid A	Amyloid A
	Salivary Gland Tumour	Androgen
	Malignant Mesothelioma	BAP 1
	Melanoma BRAF Mutations	BRAF v600E
	Lymphoma/Skin Tumours	bcl-2
	Lymphoma	bcl-6
	Basal Cell Tumours	BER EP4
	Renal Transplant rejection	C4 d
	Gynae Carcinoma	Ca 125
	Gastro intestinal Carcinomas	CA19.9



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HUMAN BODY TISSUE AND FLUIDS (cont'd)	<u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u>	Microscopic examination supported by documented in house methods incorporating manufacturers' instructions where relevant:
Fixed tissue prepared as above (cont'd)	Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis	
	Demonstration of: (cont'd)	Immunohistochemistry by detection of antigens using Leica Bond III Autostainers: HIS.IM.P.01-15
	Endocrine tissue	Calcitonin
	Mesothelial cells	Calretinin
	Lymphoma	CD 2, CD1a, CD20, CD21, CD23, CD3, CD4, CD44, CD5, CD61, CD7, CD79a, CD8, CD6,
	Lymphoma/Renal Tumour	CD10 ,CD15
	Mast Cells /GIST	CD117 (C-KIT)
	Lymphoma/Germ Cell Tumour	CD30
	Endothelial Cells	CD31
	Endothelial Cells / GIST	CD34
	Neuroendocrine/Lymphoma	CD56(N-cam)
	Monocytes	CD68
	Sarcoma/Genital Tract Tumour	CD99
	Sarcoma Typing	CDK4
	Adenocarcinoma Typing	CEA
	Neuroendocrine Cells	CEA
	Pagets Disease	C-erb 2
	Neuroendocrine Cells	Chromagranin A



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Fixed tissue prepared as above (cont'd)</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u></p> <p>Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)</p> <p>Demonstration of: (cont'd)</p> <p>Basal Cells/Carcinoma Invasion</p> <p>Adenocarcinoma typing</p> <p>Pan Cytokeratin</p> <p>Basal Cells/Carcinoma Invasion</p> <p>Basal/Immature epithelium</p> <p>Adenocarcinoma Typing</p> <p>Lymphoma</p> <p>Cytomegalo Virus Infection</p> <p>Basement membranes</p> <p>Myocardial Infarction</p> <p>Lymphoma</p> <p>Lymphatics</p> <p>Muscle related intermediate filiments</p> <p>Tumour grading</p> <p>Breast Cancer Differentiation</p>	<p>Microscopic examination supported by documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Immunohistochemistry by detection of antigens using Leica BondIII Autostainers: HIS.IM.P.01-15 CK 5 CK 7 CK(MNF116) CK14 CK17 CK20, CK8/18 (CAM 5.2) C-Myc CMV Collagen IV Complement C9 Cyclin D1 D2 40 DESMIN IMP 3 E-Cadherin</p>



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Fixed tissue prepared as above (cont'd)</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u></p> <p>Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)</p> <p>Demonstration of: (cont'd)</p> <p>Adenocarcinoma / mesothelioma / Squamous Cell carcinoma</p> <p>Breast/Gynae Tumour Tamoxifen grading</p> <p>Sarcoma</p> <p>Fibrohistocytic Tumour</p> <p>Endothelial cells</p> <p>Fibrinogen</p> <p>Carcinoma</p> <p>Adenocarcinoma Typing (Breast/Salivary Gland)</p> <p>Brain Tumours</p> <p>Endocrine Tumours</p> <p>Lymphoma</p> <p>Lymphoma</p> <p>Sarcoma Typing</p> <p>Hep B virus</p>	<p>Microscopic examination supported by documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Immunohistochemistry by detection of antigens using Leica Bond III Autostainers: HIS.IM.P.1-15</p> <p>EMA</p> <p>ER</p> <p>ERG</p> <p>Factor 13</p> <p>FACTOR 8</p> <p>Fibrinogen</p> <p>GATA-3</p> <p>GCDFP 15</p> <p>GFAP</p> <p>Glucagon</p> <p>Glycophorin</p> <p>Granzyme</p> <p>h-Caldesmon</p> <p>Hep B core Ag</p>



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HUMAN BODY TISSUE AND FLUIDS (cont'd)	<u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u>	Microscopic examination supported by documented in house methods incorporating manufacturers' instructions where relevant:
Fixed tissue prepared as above (cont'd)	Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)	
	Demonstration of: (cont'd)	Immunohistochemistry by detection of antigens using Leica Bond III Autostainers: HIS.IM.P.1-15
	Hep B Virus	Hep B surface Ag
	Lymphoma/Mastocytosis	Mast Cell Tryptase
	Hepatocytes (tumours)	Hepatocyte
	Herpes Virus	Herpes virus
	Germ Cell Tumours	HCG
	Human Herpes Virus 8 / Kaposi's Sarcoma	HHV8
	H. pylori	HLO (H.pylori)
	Melanoma	HMB 45
	Lymphoma/Renal Disease	IgG
	Gynae Tumours	Inhibin
	Endocrine tissue	Insulin
	Lymphoma	Kappa / Lambda B Cell
	Proliferation Marker	Ki-67 (MIB-1)
	Lymphoma/Autoimmune Diseases	Kappa / Lambda Plasma Cell
	Basement Membrane	Laminin
	Lymphoma	LCA (CD45)



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HUMAN BODY TISSUE AND FLUIDS (cont'd)	<u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u>	Microscopic examination supported by documented in house methods incorporating manufacturers' instructions where relevant:
Fixed tissue prepared as above (cont'd)	Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)	
	Demonstration of: (cont'd)	Immunohistochemistry by detection of antigens using Leica Bond III Autostainers: HIS.IM.P.01-15
	Monocytes	MAC 387
	Melanoma	Melan A
	Melanoma/Salivary Gland Tumour	MITF
	Adenocarcinoma Typing	Muc-1
	Sarcoma	MUC 4
	Adenocarcinoma Typing	MUC-5AC
	Lymphoma	MUM-1
	Lymphoma	Myeloperoxidase
	Myogenic Tumour	MyoD
	Myogenic Tumour	Myogenin
	Myogenic Tumour	Myoglobin
	Myogenic Tumour	Myosin
	Neural Crest Tumour	N-Cadherin
	Germ Cell Tumours	OCT3/4
	Neural Crest Tumour	NFP
	Neuroendocrine Cells	NSE



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HUMAN BODY TISSUE AND FLUIDS (cont'd)	<u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u>	Microscopic examination supported by documented in house methods incorporating manufacturers' instructions where relevant:
Fixed tissue prepared as above	Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis	
	Demonstration of: (cont'd)	Immunohistochemistry by detection of antigens using Leica Bond III Autostainers: HIS.IM.P.01-15
	Tumour Grading (Gynae, Head & Neck)	P16
	Tumour Grading (Gynae Upper GI)	P53
	Myoepithelial Cells- Invasion Squamous Cell Carcinoma	P63
	Parathyroid	Parathyroid
	Parvovirus	Parvovirus
	Germ Cell Tumours	PLAP
	Pneumocystis	PNC (PCP)
	Breast Tumour (Tamoxifen treatment)	PR
	Prostate Tumour	PSA
	Renal Tumour	RCC
	Neural Crest derived cells/Tumours	S100
	Smooth Muscle and Tumours	SMA
	Myoepithelial Cells Invasion	SMM-HC
	Endocrine Tissue	Somatostatin
	Solitary Fibrous Tumours	STAT6
	JC / BK virus	SV-40



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Fixed tissue prepared as above (cont'd)</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u></p> <p>Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)</p> <p>Demonstration of: (cont'd)</p> <p>Neuroendocrine cells</p> <p>Lymphoma</p> <p>Endothelial/Mesothelium</p> <p>Thyroid Tumour</p> <p>Lymphoma</p> <p>Lung / Thyroid Tumours</p> <p>Sarcoma</p> <p>Mesothelioma/Ovarian Serous Adenocarcinoma</p> <p>Germ Cell Tumours</p> <p>Hepatitis</p> <p>Colorectal Adenocarcinoma</p> <p>Myoepithelial Cells / Invasion</p> <p>Lymphoma</p> <p>Lymphoma / Plasma Cells</p> <p>GI Tract Tumours</p>	<p>Microscopic examination supported by documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Immunohistochemistry by detection of antigens using Leica Bond III Autostainers: HIS.IM.P.1-15</p> <p>Synaptophysin</p> <p>TdT</p> <p>Thrombomodulin</p> <p>Thyroglobulin</p> <p>TIA-1</p> <p>TTF1</p> <p>Vimentin</p> <p>WT-1</p> <p>α FP</p> <p>α1AT</p> <p>β catenin</p> <p>Calponin</p> <p>CD25</p> <p>CD138</p> <p>CDX2</p>



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HUMAN BODY TISSUE AND FLUIDS (cont'd)	<u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u>	Microscopic examination supported by documented in house methods incorporating manufacturers' instructions where relevant:
Fixed tissue prepared as above (cont'd)	Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)	
	Demonstration of: (cont'd)	Immunohistochemistry by detection of antigens using Leica Bond III Autostainers: HIS.IM.P.1-15
	GIST	DOG-1
	Epstein Barr Virus	EBER
	Auto immune disease	IgG4
	Mycobacterium	M-Bovis
	Adenocarcinoma Typing	Muc-2
	Hydatidiform moles	P57
	Breast/ Salivary Gland Adenocarcinoma	Mammaglobin
	HNPCC	MSI Markers
	Lung Adenocarcinoma	Napsin A
	Spirochetes	Spirochete
	Prostate cancer	CK5 / AMACR (double)
	Upper GI Lesions	P53 / IMP3 (double)
	Squamous Cell Carcinoma	P 40
	Renal /Ovarian Serous Adenocarcinoma	PAX 8
	Mesothelioma	SOX 10
	Breast Tumour Her 2 status	Her 2



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Tissue samples and cell blocks</p> <p>Fixed breast tissue</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u></p> <p>Demonstration of:</p> <p>Antibody light chains</p> <p>Plasma Cells</p> <p>Epstein Barr virus</p> <p>HER 2 gene amplification</p>	<p>Microscopic examination supported by documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>ISH Probes demonstrated using a combination of a pre treatment and the Leica Bond III detection system according to in house procedures HIS.IM.P.01-11 based on manufacturers instructions and guidelines and incorporating the following probes:</p> <p>kappa/lambda</p> <p>Plasma Cell</p> <p>EBV</p> <p>Leica HER2 FISH System for BOND Following in house procedure HIS.IM.P.14 based on manufacturers instructions and guidelines</p>



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Slides prepared as above</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis (cont'd)</u></p> <p>Morphological assessment and interpretation/diagnosis.</p>	<p>Microscopic examination supported by documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>HIS.MED.P.01 Guidelines for Reporting in Histopathology HIS.MED.P.02 Consultant Discrepancy, Incident and Near Miss Recording HIS.MED.P.09 Histopathology Reporting in Cervical Cytology HIS.MED.P.10 Histopathology Reporting of Gynaecological Cancers HIS.MED.P.11 Histopathology Reporting of Bowel Cancer Screening HIS.MED.P.12 Histopathology Reporting of Renal Biopsies HIS.MED.P.13 Histopathology Reporting of Colorectal Tumours HIS.MED.P.14 Histopathology Reporting in Uro pathology HIS.MED.P.15 Histopathology Reporting of Thyroid and Parathyroid HIS.MED.P.16 Histopathology Reporting in Breast Pathology HIS.MED.P.17 Histopathology Reporting of Upper Gastrointestinal Tumours HIS.MED.P.18 Histopathology Reporting of Hepatobiliary Tumours HIS.MED.P.19 Histopathology Reporting of Skins</p>



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Fixed tissue prepared as above	<p><u>Molecular Pathology examination activities for the purposes of clinical diagnosis:</u></p> <p>Detection of mutations: BRAF KRAS NRAS EGFR</p> <p><u>Molecular Virology examination activities for the purposes of clinical diagnosis:</u></p>	Real time PCR using Biocartis Idylla SystemHIS.IM.P.21 Tumour Mutation Analysis on the Idylla System



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Cervical/vaginal cells (Liquid Based Cytology/LBC sample)</p> <p>Cervical/vaginal cells (Liquid Based Cytology/LBC sample)</p> <p>Cervical/vaginal cells (Liquid Based Cytology/LBC sample)</p>	<p><u>Cytological examination activities for the purposes of clinical diagnosis:</u></p> <p>Preparation and screening to identify or exclude gynaecological abnormalities for the purpose of diagnosis</p> <p>Morphological assessment and interpretation/diagnosis</p> <p>Detection of High-Risk Human Papilloma Viral (HR HPV) DNA</p>	<p>Use of ThinPrep T5000, Prisma Stainer & Coverslipper according to in house procedures:- C.SR.P.408 – Minimum Standards for Acceptance of Cervical Samples & Requests C.SR.P.407 – Checking & Labelling Vials & Forms C.SR.P.415 – Operation of the Cytoc ThinPrep 5000 C.SR.P.421 – Operation of the Prisma Staining & Coverslipper C.SR.P.424 – Papanicolaou Staining Protocol C.SR.P.405 – Rejection of Samples Taken Outside Recommended Recall Intervals</p> <p>Microscopy. according to in house procedures:- C.SC.P.801 – Primary Screening of LBC Samples C.SC.P.806 – Standardised Reporting C.SC.P.805 – Computer (LabTrak) Reporting of Cervical Samples</p> <p>Real Time PCR amplification and detection using Roche Cobas 6800 and 8800 systems C.H.P.1001 – Testing for HR-HPV</p>



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Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Norfolk and Norwich University Hospitals NHS Foundation Trust

Issue No: 004 Issue date: 16 August 2021

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Fine needle aspirates, Blood, Serous and Non-serous fluids, Respiratory samples, CSFs)</p>	<p><u>Cytological examination activities for the purposes of clinical diagnosis: (cont'd)</u></p> <p>Examination to identify or exclude non-gynae cytological abnormalities for the purpose of diagnosis:</p>	<p>Microscopic examination supported by documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Preparation of blood films/ direct smears and cytospin slides to look for presence of malignant cells. Stained with Giemsa, Papanicolaou or combination of both stains. Clots made on fluids using in house procedures in conjunction with manufacturers instructions: Class 1 Safety cabinet CP.HS.P.6005 Heraeus centrifuge (megafuge/ biofuge) or Shandon Cytospin 2 or 4 C.SP.P.581 Use Of The Centrifuge And Cytospin</p> <p>Specific Preparation SOPs: C.SP.P.553 Prep of a Clot C.SP.P.566 Urine and Ureteric/Bladder Washing samples C.SP.P.563 Sentinel Node Imprints C.SP.P.555 Preparation of Bronchial and Sputum Samples C.SP.P.561 FNAs – Breast, Thyroid, Parotid and Solid Masses C.SP.P.570 Serous Fluid Preparation C.SP.P.571 Non-serous Fluid Preparation C.SP.P.556 Samples received in LBC Fixative C.SP.P.557 CSF and TSE/CJD samples Stained either by Giemsa method (hand-stained) or Papanicolaou stained using Tissue Tek Prisma Stainer C.SP.P.532 Preparation of Reagents and Giemsa Stain Solution</p>



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Fine needle aspirates, Blood, Serous and Non-serous fluids, Respiratory samples, CSFs)</p>	<p><u>Cytological examination activities for the purposes of clinical diagnosis: (cont'd)</u></p> <p>Examination to identify or exclude non-gynae cytological abnormalities for the purpose of diagnosis:</p> <p>Morphological assessment and interpretation/diagnosis.</p>	<p>Microscopic examination supported by documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>C.SP.P.591 Staining Protocols for Non-Gynae Samples C.SR.P.424 Papanicolaou Staining Protocol Data Entry to LabTrak LIMS following C.SP.P.547 Non-Gynae sample registration Reported from LabTrak LIMS following LTO P2 Reports</p>
<p>END</p>		