


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	Western Health and Social Care Trust	
	Issue No: 005 Issue date: 08 April 2025	
	Department of Histopathology Altnagelvin Area Hospital Glenshane Road Londonderry BT47 6SB	Contact: Nora MacDonald Tel: +44 (0) 2871345171 ext. 213433 E-Mail: Nora.McDonald@westerntrust.hscni.net Website: http://www.westerntrust.hscni.net/services/2050.htm
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Site activities performed away from the locations listed above:

Location details	Activity
On site Mortuary and body store	Storage of bodies. Record keeping (body identification and audit trail)



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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 TISSUE AND FLUIDS</p> <p>Tissue samples</p> <p>Tissue samples and cell blocks prepared in Cytology (7912)</p> <p>Formalin Fixed Paraffin Embedded Tissue (FFPE)</p>	<p><u>Examination in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u></p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Specimen dissection</p> <p>CELLPATH/SD/007,008,010 CELLPATH/SD/011,012,013,014 CELLPATH/SD/015,016,017,018 CELLPATH/SD/019,020,021,023 CELLPATH/SD/024,032,033,034 CELLPATH/SD/040,042,043,044 CELLPATH/SD/045</p> <p>Decalcification of calcified Specimens</p> <p>CELLPATH/SD009</p> <p>Tissue processing</p> <p>RWW Quick Fix fixator CELLPATH/SD/041 Sakura Tissue Tek Express x120 CELLPATH/FS/018 CELLPATH/FS/019 VIP 6 CELLPATH/FS/006, 007</p> <p>Embedding</p> <p>Sakura Auto TEC CELLPATH/FS/016</p> <p>Microtomy</p> <p>AutoSection automated microtome CELLPATH/FS/015 CELLPATH/FS/021</p>



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Fresh tissue</p> <p>Formalin Fixed Paraffin Embedded Tissue (FFPE) sections</p> <p>Formalin Fixed Paraffin Embedded Tissue (FFPE) sections</p>	<p><u>Examination in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)</p> <p>Routine staining for identification of basophilic and eosinophilic structures</p> <p>Routine staining for identification of basophilic and eosinophilic structures</p> <p>Special staining to identify the following:</p> <p>Amyloid</p> <p>Inclusion bodies and parasites</p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Frozen sections</p> <p>Cryostat : Leica CM 1900 2505/03 2004</p> <p>CELLPATH/FS/023</p> <p>Manual rapid H&E (frozen sections only)</p> <p>CELLPATH/FS/023</p> <p>Haematoxylin and Eosin stain</p> <p>Automated: Roche Ventana HE600 CELLPATH/ST/046 CELLPATH/ST/047</p> <p>Automated using Roche Ventana Benchmark Special stain platform.</p> <p>CELLPATH/ST/042 CELLPATH/ST/043 CELLPATH/ST/044</p> <p>Congo Red using Ventana Congo red kit Product No. 5279429001</p> <p>CELLPATH/ST/043</p> <p>Giemsa using Ventana kit cat. No 05279224001</p> <p>Cellpath/ST/043</p>



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HUMAN BODY TISSUE AND FLUIDS (cont'd)	<u>Examination in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)	Macroscopic and Microscopic examination: Documented in house methods incorporating manufacturers' instructions where relevant:
Formalin Fixed Paraffin Embedded Tissue (FFPE) sections (cont'd)	Special staining to identify the following (cont'd)	Automated using Benchmark Special stain platform. CELLPATH/ST/042 CELLPATH/ST/043 CELLPATH/ST/044
	Gram positive and Gram negative bacteria	Gram Stain using Ventana Kit cat. No. 06890105001 Cellpath/ST/043
	Connective tissue	Masson Trichrome using Ventana Kit Cat No. 06521908001 Cellpath/ST/043
	Differential between acid and neutral mucins	Alcian Blue for PAS CELLPATH/ST/043
	Mucins and lack of glycogen	Diastase Periodic Acid Schiff technique using Ventana kit Cat No. 5279208001 Cellpath/ST/043
	Fungi	Periodic Acid Schiff technique using Ventana kit Cat No. 5279291001 Cellpath/ST/043
	Ferric iron	Perl's Prussian Blue reaction (Iron staining Kit) using Ventana kit Cat No. 5279259001 Cellpath/ST/043



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Formalin Fixed Paraffin Embedded Tissue (FFPE) sections (cont'd)</p>	<p><u>Examination in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)</p> <p>Special staining (cont'd)</p> <p>Mucins</p> <p>Elastic fibres Muscle</p> <p>Acid fast bacilli</p> <p>Polysaccharide in walls of fungi and other opportunistic organisms</p> <p>Reticulin fibres</p> <p>Bile/Muscle/Collagen</p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Southgate's mucicarmine using Ventana kit Cat No. 5279275001</p> <p>Cellpath/ST/043</p> <p>Elastic van Gieson using Ventana kit Cat No. 5279216001</p> <p>Cellpath/ST/043</p> <p>Ziehl-Neelsen stain (AFB Staining Kit Mod of Zn stain) using Ventana kit Cat No. 5279437001</p> <p>Cellpath/ST/043</p> <p>GMSII-Grocott method using Ventana kit Cat No. 5412749001</p> <p>Cellpath/ST/043</p> <p>Retic method using Ventana kit Cat No. 5279399001</p> <p>Cellpath/ST/043</p> <p>Fouchet-Van Gieson - Manual method using FVG stain from Diapath, product no. 10220</p> <p>CELLPATH/ST/045</p>



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HUMAN BODY TISSUE AND FLUIDS (cont'd)	<u>Examination in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)	Macroscopic and Microscopic examination:
	Special staining (cont'd)	Documented in house methods incorporating manufacturers' instructions where relevant:
Formalin Fixed Paraffin Embedded Tissue (FFPE) sections	Fibrin Collagen	Haematoxylin Van Gieson technique. Manual method using HVG Kit Diapath Prod No. 10240 Cellpath/ST/045
Formalin Fixed Paraffin Embedded Tissue (FFPE) sections and cell block sections	Immunochemistry for the identification of:	Immunohisto/cytochemical staining Automated Roche Ventana Benchmark Ultra CELLPATH/IHC/001, 002, 003
	Sebaceous carcinoma	Adipohilin Cellpath/IHC/003
	Identification of liver disease, yolk sac and mixed germ cell tumours.	AFP Cellpath/IHC/003 Ventana Antibody Cat No. 5267188001
	Anaplastic lymphomas and inflammatory myofibroblastic tumours.	ALK Cellpath/IHC/003 Ventana Antibody Cat No.5278783001
	Normal & Abnormal epithelial cells	AE1/3 (Cytokeratin Pan) Cellpath/IHC/003 Ventana Antibody Cat No. 5267145001
	Hepatocellular carcinoma	Arginase Cellpath/IHC/003
	Prostate adenocarcinoma	Basal cell cocktail Cellpath/IHC/003



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Formalin Fixed Paraffin Embedded Tissue (FFPE) sections and cell block sections (cont'd)</p>	<p><u>Examination in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)</p> <p>Immunochemistry for the identification of:</p> <p>Epithelial cell types</p> <p>Nuclear accumulation in fibromatosis.</p> <p>Meothelioma</p> <p>B cells in germinal centres and mantle cells.</p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>Immunohisto/cytochemical staining Automated Roche Ventana Benchmark Ultra CELLPATH/IHC/001, 002, 003</p> <p>BER-EP4 (Epcam) Cellpath/IHC/ Ventana Antibody Cat No.5435676001</p> <p>B-CATENIN Cellpath/IHC/ Ventana Antibody Cat No. 5269016001</p> <p>BAP-1 Cellpath/IHC/003</p> <p>BOB-1 Cellpath/IHC/ Ventana Antibody Cat No. 6433308001</p>



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HUMAN BODY TISSUE AND FLUIDS (cont'd)	<u>Examination in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)	Macroscopic and Microscopic examination:
Formalin Fixed Paraffin Embedded Tissue (FFPE) sections and cell block sections (cont'd)	Immunochemistry (cont'd)	Documented in house methods incorporating manufacturers' instructions where relevant:
	Follicular lymphomas and large cell lymphomas.	BCL-2 Cellpath/IHC/ Ventana Antibody Cat No. 6446329001
	Germinal centres in follicular lymphoma, diffuse large b cell lymphoma and red Steinberg cells.	BCL-6 Cellpath/IHC/ Ventana Antibody Cat No. 5269008001
	Intracellular cytokeratin (low molecular weight).	CAM 5.2 Cellpath/IHC/ Ventana Antibody Cat No. 6478425001
	Gastrointestinal adenocarcinomas	CA19.9 Cellpath/IHC/ Ventana Antibody Cat No. 5267242001
	Malignant ovarian epithelial cells, seminal vesical carcinoma & anaplastic lymphoma	CA125 Cellpath/IHC/ Ventana Antibody Cat No. 5267269001
	Renal Cell Carcinoma	Carbonic anhydrase Cellpath/IHC/003
	Distinguish between adenocarcinomas and mesotheliomas. Identify the origin of certain metastatic carcinomas.	CEA M Cellpath/IHC/ Ventana Antibody Cat No. 6433316001
	Identification of epithelial tumours.	CEA P Cellpath/IHC/003 Cellmarque Prod No. 236A-18
	Identification of smooth muscle and tumours of smooth muscle.	CALDESMON Cellpath/IHC/003 Ventana Antibody Cat No. 5463459001



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Formalin Fixed Paraffin Embedded Tissue (FFPE) sections and cell block sections (cont'd)	Immunochemistry (cont'd)	Documented in house methods incorporating manufacturers' instructions where relevant:
	Identification of T cell lineage	CD4 Cellpath/IHC/003 Ventana Antibody Cat No. 5552737001
	Identification of T cell lymphomas and certain b cell	CD5 Cellpath/IHC/003 Ventana Antibody Cat No. 529903001
	Identifies T cell lymphomas and cytotoxic/suppressor T cell subset in normal tissue	CD8 Cellpath/IHC/003 Ventana Antibody Cat No. 5937248001
	Identification of burkitts lymphoma, follicular germ cell lymphoma and RCC	CD10 Cellpath/IHC/003 Ventana Antibody Cat No. 5857856001
	Reacts with Reed-Steinberg cells of Hodgkin's disease, marker for thyoma, peripheral T cell lymphomas and several carcinomas	CD15 Cellpath/IHC/003 Ventana Antibody Cat No. 5266904001
	Directed against and epitope present on human B lymphocytes, plasma cells are negative	CD20 Cellpath/IHC/003 Ventana Antibody Cat No. 5267099001
	Diagnosis of dendritic cell tumours/sarcomas	CD21 Cellpath/IHC/003 Ventana Antibody Cat No. 5269059001
	Classification of small lymphocytic lymphoma/leukaemia from other small B cell lymphomas	CD23 Cellpath/IHC/003 Ventana Antibody Cat No. 5479258001



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Formalin Fixed Paraffin Embedded Tissue (FFPE) sections and cell block sections (cont'd)</p> <p>Formalin Fixed Paraffin Embedded Tissue (FFPE) sections and cell block sections (cont'd)</p>	<p><u>Examination in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)</p> <p>Immunochemistry (cont'd)</p> <p>Lymphoma</p> <p>Identifies latent Epstein Barr Virus</p> <p>Many carcinomas – normal and neoplastic cells from various tissues</p> <p>Normal duct epithelial cells, ductal carcinoma</p> <p>Oestrogen Receptor antigen</p> <p>Transcription regulator detecting both wildtype and truncated ERG</p> <p>Identifies breast carcinomas and urothelial carcinomas</p> <p>Diagnosis of erythroid leukaemia</p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>EBER-ISH Cellpath/IHC/003</p> <p>EBV Cellpath/IHC/003 Ventana Antibody Cat No. 5267501001</p> <p>EMA Cellpath/IHC/003 Ventana Antibody Cat No. 5878900001</p> <p>E-CADHERIN Cellpath/IHC/003 Ventana Antibody Cat No. 5905290001</p> <p>ESTROGEN RECEPTOR Cellpath/IHC/003 Ventana Antibody Cat No. 5278406001</p> <p>ERG Cellpath/IHC/003 Ventana Antibody Cat No. 6478450001</p> <p>GATA-3 Cellpath/IHC/003 Ventana Antibody Cat No. 7107749001</p> <p>GLYCOPHORIN Cellpath/IHC/003 Ventana Antibody Cat No. 5269172001</p>



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Formalin Fixed Paraffin Embedded Tissue (FFPE) sections and cell block sections (cont'd)</p>	<p><u>Examination in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)</p> <p>Immunochemistry (cont'd)</p> <p>Mis match repair</p> <p>Aids in the diagnosis of classic Hodgkin's disease, subtype B-cell lymphomas and plasma cell tumours.</p> <p>Detects myeloid cell populations.</p> <p>Important in the differential diagnosis of lung adenocarcinoma vs. squamous cell carcinoma</p> <p>Prostatic Adenocarcinoma</p> <p>Useful in diagnosis of mantle cell, diffuse large cell, marginal zone and classic Hodgkin's lymphoma.</p> <p>Ovarian, thyroid and renal cell carcinoma marker</p> <p>Germ cell tumours</p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>MLH1, MSH2, MSH6, PMS2 Cellpath/IHC/003</p> <p>MUM-1 Cellpath/IHC/003 Ventana Antibody Cat No. 6419208001</p> <p>MYELOPEROXIDASE Cellpath/IHC/003 Ventana Antibody Cat No. 5267692001</p> <p>NAPSIN-A Cellpath/IHC/003 Ventana Antibody Cat No. 704772001</p> <p>NKX3.1 Cellpath/IHC/003</p> <p>OCT-2 Cellpath/IHC/003 Ventana Antibody Cat No. 5973791001</p> <p>PAX8 Cellpath/IHC/003</p> <p>PLAP Cellpath/IHC/003 Ventana Antibody Cat No. 5267757001</p>



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

Western Health and Social Care Trust
Issue No: 005 **Issue date:** 08 April 2025

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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Formalin Fixed Paraffin Embedded Tissue (FFPE) sections and cell block sections (cont'd)</p>	<p><u>Examination in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)</p> <p>Immunochemistry (cont'd)</p> <p>Prostate secretory and ductal epithelium</p> <p>Classification of cervical dysplasia and in the differential diagnosis of cervical adenocarcinoma versus endometrial adenocarcinoma</p> <p>Benign and malignant prostatic or breast lesions, differentiation of lung squamous cell carcinoma and lung adenocarcinoma</p> <p>Prostate adenocarcinoma</p> <p>Tumour expressor gene found in malignancies</p> <p>Expressed in the majority of B-cell lymphomas without plasma cell differentiation.</p> <p>Progesterone Receptor antigen</p> <p>Identifies 90% of primary renal cell carcinomas and 85% of metastatic RCC</p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>PSA Cellpath/IHC/003 Ventana Antibody Cat No. 5269334001</p> <p>P16 Cellpath/IHC/003 Ventana Antibody Cat No. 6695248001</p> <p>P63 Cellpath/IHC/003 Ventana Antibody Cat No. 5867061001</p> <p>p504S Cellpath/IHC/003</p> <p>P53 Cellpath/IHC/003</p> <p>PAX-5 Cellpath/IHC/003 Ventana Antibody Cat No. 5552729001</p> <p>PROGESTERONE RECEPTOR Cellpath/IHC/003 Ventana Antibody Cat No. 5277990001</p> <p>RCC ANTIBODY Cellpath/IHC/003 Ventana Antibody Cat No. 5269369001</p>



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Formalin Fixed Paraffin Embedded Tissue (FFPE) sections and cell block sections (cont'd)</p> <p>Formalin Fixed Paraffin Embedded Tissue (FFPE) sections and cell block sections (cont'd)</p>	<p><u>Examination in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)</p> <p>Immunochemistry (cont'd)</p> <p>Smooth Muscle Cells</p> <p>Melanomas, neural cells</p> <p>Useful in the classification of neural type neoplasms and neuroendocrine neoplasms of epithelial type</p> <p>Useful in diagnosis of all T-ALL/T-lymphoblastic lymphoma and B-ALL/B-lymphoblastic lymphoma</p> <p>Neoplasms of lung and thyroid, mesothelioma</p> <p>Detection of Syphilis</p> <p>Urothelial cell carcinomas</p> <p>Aid in diagnosis of mesothelioma</p> <p>Mast cell marker</p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>SMA Cellpath/IHC/003 Ventana Antibody Cat No.</p> <p>S100 Cellpath/IHC/003 Ventana Antibody Cat No. 5278104001</p> <p>SYNAPTOPHYSIN Cellpath/IHC/003 Ventana Antibody Cat No. 5479304001</p> <p>TdT Cellpath/IHC/003 Ventana Antibody Cat No. 5267811001</p> <p>TTF1 Cellpath/IHC/003 Ventana Antibody Cat No. 6640613001 Treponema pallidum Cellpath/IHC/003</p> <p>Thrombomodulin Cellpath/IHC/003</p> <p>THYROGLOBULIN Cellpath/IHC/003</p> <p>Tryptase Cellpath/IHC/003</p>



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Formalin Fixed Paraffin Embedded Tissue (FFPE) sections and cell block sections (cont'd)</p>	<p><u>Examination in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)</p> <p>Immunochemistry (cont'd)</p> <p>Endothelial cells, fibroblasts, smooth muscle cells and lymphoid cells.</p> <p>Distinguishing malignant mesothelioma and ovarian serous carcinoma from nonserous carcinomas.</p> <p>Identification of urothelial carcinomas and as a tool to pinpoint metastases of unknown primary.</p> <p>Marker for malignant melanoma, neurofibroma and schwannoma</p> <p>Identification of rhabdomyosarcoma</p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>VIMENTIN Cellpath/IHC/003 Ventana Antibody Cat No. 5278139001</p> <p>WT-1 Cellpath/IHC/003 Ventana Antibody Cat No. 5435706001</p> <p>UROPLAKIN Cellpath/IHC/003 Ventana Antibody Cat No. 6419232001</p> <p>SOX-10 Cellpath/IHC/003 Ventana Antibody Cat No. 383A-78</p> <p>MYO-D1 Cellpath/IHC/003 Ventana Antibody Cat No. 7107773001</p>



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Formalin Fixed Paraffin Embedded Tissue (FFPE) sections and cell block sections (cont'd)</p> <p>Slides prepared in house as above</p> <p>Digital images from slides prepared in house as above</p>	<p><u>Examination in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</u> (cont'd)</p> <p>Immunochemistry (cont'd)</p> <p>Identification of primary and metastatic breast carcinomas.</p> <p>In a panel with other key markers can provide method for differentiating pulmonary adenocarcinoma from squamous cell carcinoma.</p> <p>Aid in the identification of lymphatic invasion in a variety of tumours and between epitheloid, mesothelioma and lung adenocarcinoma.</p> <p>Marker for Germ cell tumours.</p> <p>Morphological assessment and interpretation/diagnosis</p> <p>Morphological assessment and interpretation/diagnosis</p>	<p>Macroscopic and Microscopic examination:</p> <p>Documented in house methods incorporating manufacturers' instructions where relevant:</p> <p>MAMMAGLOBULIN Cellpath/IHC/003 Ventana Antibody Cat No. 5269253001</p> <p>P40 Cellpath/IHC/003 Ventana Antibody Cat No. 07394420001</p> <p>D2-40 Cellpath/IHC/003 Ventana Antibody Cat No. 5463645001</p> <p>OCT 3/4 Cellpath/IHC/003 Ventana Antibody Cat No.</p> <p>Microscopy: Cellpath /ST/025 Cellpath/TRAIN/011 Cellpath /EXD/087 Cellpath/IHC/003 Cellpath/ST/043 Cellpath/ST/045</p> <p>Using Sectra Digital Pathology Solution workstations (DP200 WSI slide scanners and viewing software):</p> <p>Slide Scanning Cellpath/ST/049</p> <p>Slide Reporting HO/SOP/031</p>
END		