


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 UKAS MEDICAL 8697 Accredited to ISO 15189:2012	The Christie Pathology Partnership LLP Issue No: 011 Issue date: 14 February 2024	
	Christie Hospital Manchester M20 4BX	Contact: Neil Wrathall Tel: +44 (0) 161 918 7264 Fax: +44 (0) 161 446 8549 E-Mail: neil.wrathall1@nhs.net Website: www.christie.nhs.uk
Testing performed at the above address only		

Site activities performed away from the locations listed above:

Location details		Activity
Address Haematology & Blood Transfusion The Christie Wilmslow Road Manchester M20 4BX	Local contact Contact: Dr. Neil Wrathall Tel: +44 (0)0161-918-7264 Fax: +44 (0)161-446-8549 E-Mail: neil.wrathall1@nhs.net	Theatre Blood Issue Fridge



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP
Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u>	In-house documented procedures based on equipment manuals as relevant
Serum, plasma	Quantification of the following:	Siemens Advia 1800 using spectrophotometry, chemiluminescence and ion selective electrodes.
Additionally CSF^	Sodium*	LI-BIO-Christie Advia 1800 daily operation
Additionally urine*	Potassium*	LI-BIO-Christie Advia 1800 assay summary
	Chloride*	
	Urea*	
	Albumin	
	Alkaline phosphatase	
	ALT	
	Ammonia	
	Amylase	
	AST	
	Bicarbonate	
	Calcium*	
	CPK	
	Total Bilirubin	
	Direct Bilirubin	
	Cholesterol	
	HDL Cholesterol	
	Creatinine* (kinetic Jaffe method)	
	Gamma Glutamyl Transferase	
	Glucose^	
	Total Iron	
	LDH	
	Magnesium*	
	C reactive protein	
	Phosphate*	
	Total Protein	
	Triglyceride	
	Uric acid*	



8697
Accredited to
ISO 15189:2012

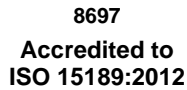
Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

The Christie Pathology Partnership LLP

Issue No: 011 **Issue date:** 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u>	In-house documented procedures based on equipment manuals as relevant
Serum, plasma	Quantification of the following: (cont'd)	Siemens Advia 1800 using spectrophotometry, turbidometric, and homogeneous enzyme immunoassay. LI-BIO-Christie Advia 1800 daily operation
Urine, CSF	Transferrin Lipase Immunoglobulins (IgG, IgM, IgA) Protein Beta2 microglobulin Methotrexate	ARK Diagnostics kit LI-BIO-CPP-Advia 1800 MTX
Serum	Creatinine	Enzymatic



issued by

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

Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

--	--	--



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP
Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u>	In-house documented procedures based on equipment manuals as relevant
Serum	PTH	Siemens Centaur CP by chemiluminescence LI-BIO-Christie Centaur CP daily operation
Serum	Quantification of Chromogranin A	Brahms Kryptor using time resolved amplified Cryptate emission. LI-BIO-CPP-Kryptor Chromogranin A
Serum	Quantification of:	IDS i-sys analyser using chemiluminescence LI-BIO-CPP-IDS i-sys
	IGF-1 and growth hormone Vitamin D	Vit DS kit
Serum	Quantification of the following:	Siemens Immulite 2000 immunoassay analyser LI-BIO-CPP- Immulite daily operation LI-BIO-CPP-Immulite assay summary
	Calcitonin Thyroglobulin Thyroglobulin antibodies	
Plasma	ACTH	
Serum, urine	Osmolality (detection of total solute concentration)	Vitech Osmometer 3320 LI-BIO-CPP Osmometer Operation



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP
Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u>	In-house documented procedures based on equipment manuals as relevant
Serum, urine	Qualitative detection of monoclonal proteins in serum and urine, Quantitation of paraprotein	Electrophoresis using Sebia Hydrasys 2 system. LI-BIO-CPP-Sebia serum electrophoresis LI-BIO-CPP-Sebia Urine Electrophoresis
Serum, urine	Detection and quantitation of serum and urine proteins	Immunofixation using Sebia Hydrasys 2 system LI-BIO-CPP-Sebia Serum Immunofixation LI-BIO-CPP-Sebia Urine Immunofixation
Serum (ETDA)	Measurement of HbA1c	Ion-exchange HPLC using BioRad D10 analyser LI-BIO-CPP-Biorad D-10HbA1c
Serum	Quantitation of Serum free light chains kappa and lambda	Latex enhanced Immunoassay Binding site SPA Plus
Serum, Urine	<u>hCG</u>	Abbott Testpack Plus hCG combo



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP
Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Venous whole blood: EDTA	<u>Haematological examination activities for the purpose of clinical diagnosis</u> Haemoglobin (HB) White Blood Cells (WBC) Platelets (PLTS) Red blood cells (RBC) Haematocrit (HCT) Mean Cell Volume (MCV) Mean Cell Haemoglobin (MCH) Mean cell haemoglobin concentration (MCHC) Red Cell Distribution (RDW) Neutrophils (NEUT) Lymphocytes (LYMP) Eosinophils (EOSO) Basophils (BASO) Monocytes (MONO) Large unstained cells (LUC) Reticulocyte enumeration	Documented in-house procedures with manufacturer's instructions Advia 2120i (flow cytometry and laser light refraction) with reference to: LI-Haem-Christie-Advia Startup and Processing
Venous blood: citrated	Platelet count	



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP
Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>Haematological examination activities for the purpose of clinical diagnosis</u>	Documented in-house procedures with manufacturer's instructions
Venous whole blood: EDTA	Blood film assessment (peripheral) for detection of abnormalities and cell differential.	Hematek 2000 stainer modified Wright stain and Nikon microscope. Manual assessment with ref to: LI-Haem-Christie-Bloodfilm exam
Bone marrow aspirate	Bone marrow film for the detection of normal and abnormal morphology by microscopic examination	LI-Haem-Christie-BMSmears LI-Haem-Christie-BMReports
Ascitic/pleural fluid	Fluid cytospin for the detection of normal and abnormal morphology by microscopic examination	,Modified Wright stain with ref to: LI-Haem-CPP CSF
Venous blood: citrated	Erythrocyte sedimentation Rate (ESR)	Manual method - Sedimentation with reference to : LI-Haem Christie -ESR
Venous whole blood: EDTA	Sickle cell solubility	Solubility screening test, Clintech screening kit with reference to : LI-Haem Christie-sicklestest
Urine	Detection of Urinary Haemosiderin	LI-Haem-Christie-haemosiderin using Perls Prussian blue (iron) stain with ref to : LI-Haem-Christie-perls



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP
Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>Haematological examination activities for the purpose of clinical diagnosis</u>	Documented in-house procedures with manufacturer's instructions
Citrated plasma	Coagulation Screen: Prothrombin time (PT) Activated partial thromboplastin time (APTT) Derived Fibrinogen Clauss Fib Thrombin time Reptilase time D-Dimer 50/50 Basic correction test FX assay Anti Xa	Werfen ACL TOP (50 series) with reference to: LI-Haem-Christie-ACL TOP 350 Analyser Routine Operation
Serum		
Venous whole blood: EDTA, cerebrospinal fluid and bone marrow aspirate.	<u>Diagnosis and Monitoring of Haematological malignancies- differential assessment of surface antigens and cytoplasmic antigens using flow cytometry</u>	Navios/FC500 (fluorochrome labelled antibody expression) with reference to :
Venous whole blood: EDTA or peripheral stem cells in EDTA	Predictive CD34 count and CD 34 count on harvested cells	CD34 LI-Haem-CPP-NAVIOS CD34 Counting



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP
Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>HUMAN BODY FLUIDS</p> <p>Venous whole blood: EDTA/ plasma</p>	<p><u>Haematological examination activities for the purpose of clinical diagnosis</u></p> <p>ABO and RhD system investigation.</p> <p>O RhD positive A RhD positive B RhD positive AB RhD positive O RhD negative A RhD negative B RhD negative AB RhD negative</p> <p>Antibody Screen Rhesus blood group antibodies: anti-Cw, anti-C, anti-c, anti-D, anti-E, anti-e</p>	<p>HUMAN BODY FLUIDS</p> <p>Bio Rad IH500 (immunohaematology) with reference to:</p> <p>LI-BB-CPP-Bio-Rad IH500</p>



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP
Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS Venous whole blood: EDTA/ plasma	<u>Haematological examination activities for the purpose of clinical diagnosis</u> MNS blood group antibodies: anti-M, anti-N, anti-S, anti-s P blood group antibodies: anti-P1 - Lutheran blood group antibodies: anti-Lua, Lewis blood group antibodies: anti-Lea, anti-Leb Kell system blood group antibodies: anti-K, anti-k, anti-Kpa Duffy blood group antibodies: anti-Fya, anti-Fyb Kidd blood group antibodies: anti-Jka, anti-Jkb Antiglobulin test <u>Blood Transfusion Tests</u>	HUMAN BODY FLUIDS BioRad IH500 (immunohaematology) with reference to: LI-BB-CPP-BioRad IH500 LI-BB-Christie-Direct Coombs test



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP
Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>Haematological examination activities for the purpose of clinical diagnosis</u>	HUMAN BODY FLUIDS
Venous whole blood: EDTA/ Plasma (cont'd)	Antiglobulin test	LI-BB-Christie-Direct Coombs test
	Manual group and Screen	Diamed Diaclon cards with reference to : LI-BB-Christie-G&S LI-BB-Christie-QG
	Quick blood group	
	Direct Antiglobulin test	Diamed LISS/Coombs cards with reference to LI-BB-Christie-Direct Coombs test
Venous whole blood: EDTA Plasma/ granulocytes/buffy coat	Serological Cross match	Diamed LISS Coombs cards, Diaclon card and Diamed reagents With reference to: LI-BB-Christie-Gel Column cross match
Venous whole blood: EDTA/ plasma	Emergency crossmatch	Diamed LISS Coombs cards, Diaclon card and Diamed reagents With reference to: LI-BB-Christie-Gel Column cross match
Venous whole blood: EDTA/ plasma	Antibody panels – antigens of the following systems: Rh – C,D,E,c,e,Cw MNSs – M,N,S,s P –P1 Lutheran – Lua Kell – K,k,Kpa Lewis – Lea, Leb Duffy – Fya, Fyb Kidd – Jka, Jkb	Manual Diamed LISS/Coombs cards and NaCl enzyme cards with reference to: LI-BB-Christie-cell panels



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP
Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>HUMAN BODY TISSUE</p> <p>Tissues: biopsy, excision and resection from anatomical sites as listed below:</p> <p>Urology Skin, lung , GI, Plastics, Thyroid Head & Neck Haematolymphoid, Gynae Sarcomas</p> <p>Formalin Fixed Paraffin wax blocks of processed tissue. (FFPE slides)</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis</u></p> <p>Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis</p>	<p>Macroscopic and Microscopic examination:</p> <p>In house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions where relevant:</p> <p>Specimen dissection: Steelline downdraft benches</p> <p>Tissue processing Peloris and Pathcentre tissue processors, LI-Hist-CPP-SOP-02001</p> <p>Tissue Embedding Using Leica Embedding Centre, LI-Hist-CPP-SOP-03001</p> <p>Tissue sectioning: LI-Hist-CPP-Microtomy</p>



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP
Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY TISSUE	<u>Histopathological examination activities for the purposes of clinical diagnosis</u>	Macroscopic and Microscopic examination:
Frozen sections		In house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions where relevant: Cryotomy Frozen sections Using Leica CM 3050S cryostat. LI-Hist-CPP-Frozen sections Manual Haematoxylin and eosin (H&E) staining LI-HIST-CPP frozen sections
FFPE slides and frozen sections (Formalin fixed paraffin embedded)	Routine morphological staining For the detection of: Basophilic and eosinophilic structures	Routine morphological staining Leica XP stainer, Leica CV5030 coverslipper and LI-Hist-CPP-SOP-05001 Haematoxylin and eosin (H&E) staining LI-Hist-Christie-SOP-05001
FFPE slides	Special stains for the detection of: Acid mucins Acid and neutral mucins Amyloid Glycogen	Documented in-house procedures for manual special stains Alcain Blue (AB) LI-Hist-Christie-SOP-05008 AB/Periodic Acid Schiff (PAS) Congo Red LI-Hist-Christie-SOP-05010 Diastase Digestion / PAS LI-Hist-Christie-SOP-05011



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP
Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY TISSUE	<u>Histopathological examination activities for the purposes of clinical diagnosis</u>	Macroscopic and Microscopic examination:
FFPE slides		In house documented procedures using manual methods :in conjunction with manufacturers' instructions where relevant:
	Special stains for the detection of:	
	Helicobacter	Giemsa - Modified LI-Hist-Christie-SOP-05024
	Haematopoietic cells	Giemsa LI-Hist-Christie-SOP-05040
	Bacteria	Gram Stain LI-Hist-Christie-SOP-05017
	Fungi	Grocott LI-Hist-Christie-SOP-05018
	Hyaluronic acid	Hyaluronidase / AB LI-Hist-Christie-SOP-05016
	Fibrin	Martius Scarlet Blue LI-Hist-Christie-SOP-05021
	Melanin	Masson Fontana LI-Hist-Christie-SOP-05021
	Connective tissue	Masson's Trichrome LI-Hist-Christie-SOP-05014
	Elastic fibres	Miller's Elastic Stain (EVG) LI-Hist-Christie-SOP-05022
	Glycogen	Periodic Acid Schiff (PAS)LI-Hist-Christie-SOP-05022
	Reticulin fibres	Reticulin LI-Hist-Christie-SOP-05006



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP
Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY TISSUE	<u>Histopathological examination activities for the purposes of clinical diagnosis</u>	Macroscopic and Microscopic examination:
FFPE slides	Special stains for the detection of:	In house documented procedures using manual methods :in conjunction with manufacturers' instructions where relevant:
	Neutral mucin	Southgate's Mucicarmine LI-Hist-Christie-SOP-05030
	Mast cells	Toluidine Blue LI-Hist-Christie-SOP-05030
	Connective tissue	Van Gieson Stain LI-Hist-Christie-SOP-05039
	Calcium	Von Kossa Stain LI-Hist-Christie-SOP-05047
	Mycobacterium leprae	Wade Fite LI-Hist-Christie-SOP-05033
	Acid fast bacilli	Ziehl - Neelsen LI-Hist-Christie-SOP-05034
	<u>Immunohistochemistry to detect the following:</u>	Using Ventana Ultra LI-Hist-CPP-IHC-Running IHC slides on Ventana Ultras.
	Cytokeratin	34BE12
	Cytokeratin	AE1/AE3
	AFP glycoprotein	AFP
	Anaplastic lymphoma kinase	Alk-1



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP
Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FFPE slides	<p>HUMAN BODY TISSUE</p> <p><u>Immunohistochemistry to detect the following:</u></p> <p>Prostate adenocarcinoma</p> <p>Associated with cell adhesion</p> <p>Diffuse lymph-proliferative disease and neoplastic cells of follicular lymphomas.</p> <p>Classification of lymphomas</p> <p>Adenoca/mesothelioma</p> <p>Reed-sternberg cells</p> <p>Tumour marker</p> <p>Mesotheliomas</p>	<p><u>Histopathological examination activities for the purposes of clinical diagnosis</u></p> <p>Using Ventana Ultra LI-Hist-CPP-IHC-Running IHC slides on Ventana Ultras.</p> <p>AMACR</p> <p>B Catenin</p> <p>BCL-2</p> <p>BCL-6</p> <p>BER EP4</p> <p>Ber H2</p> <p>Calcitonin</p> <p>Calretinin</p>



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP
Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY TISSUE	<u>Histopathological examination activities for the purposes of clinical diagnosis</u>	Macroscopic and Microscopic examination:
FFPE slides	<u>Immunohistochemistry to detect the following:</u> Mesotheliomas Cytokeratin Langerhans and dendritic cells Classification of lymphomas T cell marker T cells (helper+mature) Mature T cells, T cell lymphomas T Cell, NK cells Mature B cells, follicular dendritic cells, CALLA Granulocytes Reed-Sternberg cells	In house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions where relevant: Using Ventana Ultra LI-Hist-CPP-IHC-Running IHC slides on Ventana Ultras. Calretinin Cam 5.2 CD1a CD2 CD3 CD4 CD5 CD7 CD8 CD10



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP
Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY TISSUE	<u>Histopathological examination activities for the purposes of clinical diagnosis</u>	Macroscopic and Microscopic examination:
FFPE slides	<u>Immunohistochemistry to detect the following:</u>	In house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions where relevant:
	Haematological malignancies	Using Ventana Ultra LI-Hist-CPP-IHC-Running IHC slides on Ventana Ultras.
	Reed-sternberg cells	CD11c
	Classification of lymphomas	CD15
	B cells, some T cells	CD19
	B Cells, Reed-Sternberg cells	CD21
	Classification of lymphomas	CD23
	Histiocytic/dendritic cell neoplasms	CD25
	Natural killer cells, neuroendocrine tissues	CD35
		CD43



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP
Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY TISSUE	<u>Histopathological examination activities for the purposes of clinical diagnosis</u>	Macroscopic and Microscopic examination:
FFPE slides	<u>Immunohistochemistry to detect the following:</u> Neuroectodermal tumours Hodgkin's and T cell marker B lymphocytes Classification of lymphomas Plasma cells Adenocarcinoma and carcinoid (intestinal epithelium) CEA glycoproteins in adenocarcinoma	In house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions where relevant: Using Ventana Ultra LI-Hist-CPP-IHC-Running IHC slides on Ventana Ultras. CD56 CD57 CD79a CD123 CD138 CDX2 CEA



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP
Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY TISSUE	<u>Histopathological examination activities for the purposes of clinical diagnosis</u>	Macroscopic and Microscopic examination:
FFPE slides	<u>Immunohistochemistry to detect the following:</u>	In house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions where relevant:
	Carcinoid tumours	Using Ventana Ultra LI-Hist-CPP-IHC-Running IHC slides on Ventana Ultras.
	Stratified squamous epithelium, basal cells, mesotheliomas	Chromogranin
	Normal and neoplastic epithelia	CK5/6
	Squamous cell tumours	CK7
	Epithelial tumours	CK14
	GI carcinomas	CK19
	AML/GISTS/small cell lung ca	CK20
	Cytomegalovirus	CKit
	Basement membranes	CMV
	Classification of lymphomas	Collagen Type IV
		c-myc



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP

Issue No: 011 **Issue date:** 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY TISSUE	<u>Histopathological examination activities for the purposes of clinical diagnosis</u>	Macroscopic and Microscopic examination:
FFPE slides	<u>Immunohistochemistry to detect the following:</u> Expressed in variety tumours e.g. Mantle cell lymphoma Mesothelioma/rhabdomyosarcoma Hairy cell leukaemia GIST E-cadherin positive cells Neoplastic epithelia Breast carcinomas Gastrin producing cells Bladder cancers, breast cancer Breast/prostate carcinomas	In house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions where relevant: Using Ventana Ultra LI-Hist-CPP-IHC-Running IHC slides on Ventana Ultras. Cyclin D1 D33 DBA-44 DOG-1 E-Cadherin EMA ERG Gastrin GATA-3 GCDF-15



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP
Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY TISSUE	<u>Histopathological examination activities for the purposes of clinical diagnosis</u>	Macroscopic and Microscopic examination:
FFPE slides	<u>Immunohistochemistry to detect the following:</u> Salivary gland neoplasms Pancreatic cells, intestine, stomach Classification of lymphomas Hepatocellular carcinomas Leukaemia's Classification of lymphomas Mesothelioma Germ cell tumours Hepatocellular tumours Kaposi's sarcoma Melanomas	In house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions where relevant: Using Ventana Ultra LI-Hist-CPP-IHC-Running IHC slides on Ventana Ultras. GFAP Glucagon Glycophorin A Glypican-3 GP11a Granzyme HBME-1 hCG Hepa HHV8 HMB45



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP
Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY TISSUE	<u>Histopathological examination activities for the purposes of clinical diagnosis</u>	Macroscopic and Microscopic examination:
FFPE slides	<u>Immunohistochemistry to detect the following:</u>	In house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions where relevant: Using Ventana Ultra LI-Hist-CPP-IHC-Running IHC slides on Ventana Ultras.
	Classification of lymphomas	IgA
	Classification of lymphomas	IgD
	Classification of lymphomas	IgM
	Rhabdoid tumours	INI-1
	Adrenalcortical v renal cell tumours	Inhibin
	Insulin producing cells	Insulin
	Malignant vascular disorders	JC70A
	B cells and plasma cells	Kappa
	Classification of lymphomas	L26
	B cells and plasma cells	Lambda
	Dendritic cells	Langerin



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP
Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY TISSUE	<u>Histopathological examination activities for the purposes of clinical diagnosis</u>	Macroscopic and Microscopic examination:
FFPE slides	<u>Immunohistochemistry to detect the following:</u> B cells, T cells, monocytes, macrophages Reed-sternberg cells Classification of lymphomas Mast cells Melanomas Soft tissue sarcomas Neoplasms of epithelial origin Classification of lymphomas	In house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions where relevant: Using Ventana Ultra LI-Hist-CPP-IHC-Running IHC slides on Ventana Ultras. LCA Leu M1 LMP(EBV) Mast Cell Tryptase Melan A MIB-1 MNF116 MUM 1



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP

Issue No: 011 **Issue date:** 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY TISSUE	<u>Histopathological examination activities for the purposes of clinical diagnosis</u>	Macroscopic and Microscopic examination:
FFPE slides	<u>Immunohistochemistry to detect the following:</u> Lymphoid v myeloid disorders myoD1 positive cells rhabdomyosarcomas neuronal differentiation testicular germ cell tumours Marker for Pulmonary Carcinoids Cervical intraepithelial neoplasia	In house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions where relevant: Using Ventana Ultra LI-Hist-CPP-IHC-Running IHC slides on Ventana Ultras. Myeloperoxidase Myo D1 Myogenin Neurofilament OCT 3/4 OTP p16



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP
Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY TISSUE	<u>Histopathological examination activities for the purposes of clinical diagnosis</u>	Macroscopic and Microscopic examination:
FFPE slides	<u>Immunohistochemistry to detect the following:</u> Lung, bladder, prostate carcinomas Many neoplasia's Differential marker for prostate classification of lymphomas renal cell/ovarian carcinomas urothelial carcinoma PD-L1 protein expression macrophages neuroendocrine tumours germ cell tumours prostate specific prostatic carcinoma parathyroid	In house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions where relevant: Using Ventana Ultra LI-Hist-CPP-IHC-Running IHC slides on Ventana Ultras. p40 p53 p63 Pax-5 Pax-8 PDL1 PD-L1 clone 22C3 PGM-1 PGP9.5 PLAP PSA PSAP PTH



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP
Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY TISSUE	<u>Histopathological examination activities for the purposes of clinical diagnosis</u>	Macroscopic and Microscopic examination:
FFPE slides	<u>Immunohistochemistry to detect the following:</u> classification of lymphomas retinoblastoma melanoma rhabdomyosarcoma leiomyomas/adenomas melanomas/peripheral nerve sheath neuroendocrine tumours classification of lymphomas vascular tumours thyroid carcinomas	In house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions where relevant: Using Ventana Ultra LI-Hist-CPP-IHC-Running IHC slides on Ventana Ultras. Q Bend 10 Retinoblastoma S100 Saromeric Actin Smooth Muscle Actin (SMA) SOX 10 Synaptophysin Tdt Thrombomodulin Thyroglobulin



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP
Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY TISSUE	<u>Histopathological examination activities for the purposes of clinical diagnosis</u>	Macroscopic and Microscopic examination:
FFPE slides	<u>Immunohistochemistry to detect the following:</u>	In house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions where relevant: Using Ventana Ultra LI-Hist-CPP-IHC-Running IHC slides on Ventana Ultras.
	renal cell carcinoma	TFE-3
	lung and thyroid tumours	TTF-1
	melanoma	Tyrosinase
	Sarcomas/melanomas/l ymphomas	Vimentin
	Wilms tumour	WT1 protein
FFPE slides – breast and gastric	Breast receptors	Angrogen
	Breast receptors	EGFR
	Oestrogen receptors	ER
	Herceptin marker of breast cancer	Her 2
	Progesterone marker	PR



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP
Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY TISSUE	<u>Histopathological examination activities for the purposes of clinical diagnosis</u>	Macroscopic and Microscopic examination:
FFPE slides		In house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions where relevant:
		Using Leica Bond III LI-Hist-CPP-IHC-Running slides on the BOND III and in-situ hybridization
	<u>Epstein Barr Virus Infected cells</u>	EBV
	B cells and plasma cells	Kappa
	B cells and plasma cells	Lambda
	Morphological assessment and interpretation/diagnosis	Interpretive microscopy:
		LI-HIST-CPP-Histology Reporting Procedure



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP
Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY TISSUE	<u>Cytopathology examination activities for the purposes of clinical diagnosis</u>	In house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions where relevant:
Peritoneal fluid	Examination of cellular material in order to identify or exclude morphological and cytological abnormalities	Diagnostic cytology in-house documented manual procedures for VWR CompactStar CS4. LI-Hist-CPP-SOP-01024
	Cell block preparation for peritoneal fluid from Gynae cases:	Peloris and Pathcentre tissue processors, LI-Hist-CPP-SOP-02001
		Leica Embedding Centre, LI-Hist-CPP-SOP-03001
		Microtomes LI-Hist-CPP-SOP-04001
	Morphological assessment and interpretation/diagnosis	Interpretive microscopy: LI-HIST-CPP-Histology Reporting Procedure



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP
Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN TISSUE AND FLUIDS Blood Bone Marrow Other Tissues	<u>Cytogenetics examination procedures for the purposes of clinical diagnosis</u>	<p>In house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions where relevant:</p> <p><u>Pre-analysis preparation</u> Chromosome culture by in-house procedures using commercial medium and Setting Up Bone Marrow and Blood Cultures (LI-CG-CPP-BMSetup) Setting Up Cultures with B and T cell mitogens (LI-CG-Christie-T&BSetup)</p> <p>Preparation of material for chromosome analysis by manual harvesting using in-house methods and Harvesting Cells from Tissue Cultures (LI-CG-CPP-Harvest). Preparation and staining of slides using Slide Making (LI-CG-CPP-Slide Make) and G-Banding (LI-CG-CPP-Gband).</p>



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP
Issue No: 011 Issue date: 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN TISSUE AND FLUIDS	<u>Cytogenetic analysis for the purpose of clinical diagnosis</u> <u>Karyotyping</u> Detection of chromosome abnormalities associated with haemato-oncology disorders. <u>Molecular Cytogenetics (FISH) examination procedures for the purposes of clinical diagnosis</u>	Microscopic examination, detection, analysis and reporting of G-banding and karyotyping against considered normal patterns/profiles by in house methods. Cytogenetics Analysis Policy (LP-CG-CPP-Analysis). Selection, Analysis and Checking of a Case (LI-CG-Christie-Analysis) Use of Metasystems IKAROS software (LI-CG-Christie-IKAROS) Fluorescence in situ Hybridisation (FISH)
Blood Bone Marrow Other tissues		In house procedures and commercial kits and Thermobrite hybridisation stations, using FISH – Denaturation and Hybridisation (LI-CG-CPP-FISH Hyb) FISH – Signal Detection (LI-CG-Christie-FISH-Detect) Thermobrite; Operation and Maintenance (LI-CG-CPP-Thermobrite)



8697
Accredited to
ISO 15189:2012

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

The Christie Pathology Partnership LLP

Issue No: 011 **Issue date:** 14 February 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Bone marrow	CD138+cell enrichment prior to FISH in plasma cell myeloma and related disorders	Isolation of CD 138 plasma cells using Easy Sep kit prior to FISH analysis in plasma cell myeloma and related disorders (LI-CG-Christie-CD138) and Multistand [LI-CG-CPP-CD138 and Multistand].
	<u>Molecular Cytogenetics (FISH) examination procedures for the purposes of clinical diagnosis</u>	Fluorescence in situ Hybridisation (FISH)
Bone marrow	FISH analysis using fluorescent labelled gene probes and fluorescence microscopy to detect chromosome structural rearrangements and copy number of specific regions of the genome	Microscopic analysis of FISH preparations using FISH Analysis and Quality Assurance (LP-CG-CPP-FISH Anal) Use of FISH image capture hardware and software-Metasystems (LI-CG-CPP-Meta)
Solid Tumours – formalin-fixed paraffin embedded tissue (FFPE) and other fixed cells	FISH analysis by use of fluorescent labelled gene probes and fluorescence microscopy to detect chromosome structural rearrangements and copy number of specific regions of the genome	As FISH protocols above <u>plus</u> FISH on Paraffin Sections; Invitrogen Pre-treatment (LI-CG-Christie-ParaFISH Invitrogen)
END		