

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 Accredited to ISO 15189:2022	Countess of Chester Hospital NHS Foundation Trust	
	Issue No: 010 Issue date: 12 August 2026	
	Countess Health Park Chester CH2 1UL	Contact: Glesni Jarman Tel: +44 (0)124 436 5519 E-Mail: glesnijarman@nhs.net Website: www.coch.nhs.uk
Testing performed at the above address only		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details		Activity
Address Countess of Chester NHS Foundation Trust Countess Health Park Liverpool Chester CH2 1UL	Local contact Glesni Jarman	Histopathology Diagnostic Cytopathology Biochemistry Immunology Haematology Blood Transfusion



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Site activities performed away from the locations listed above:

Location details	Activity
Countess of Chester NHS Foundation Trust Countess Health Park Liverpool Chester CH2 1UL	Mortuary Services Body Storage Phlebotomy Blood Fridges: Theatres Maternity
Ellesmere Port Hospital 114 Whitby Road Ellesmere Port CH65 6SG	Phlebotomy
Great Sutton Medical Centre Old Chester Road Ellesmere Port CH66 3SP	Phlebotomy



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (as stated)	<u>Biochemistry Examination</u> <u>Activities for the Purpose of</u> <u>Clinical Diagnosis</u>	Documented in-house methods and manufacturer's operating instructions as specified:
	Quantification of:	Beckman Coulter AU5811 Analyser BS-SOP016 and measurement principles:
Serum/ Urine	Sodium	ISE
Serum/ Urine	Potassium	ISE
Serum/ Urine	Chloride	ISE
Serum	Bicarbonate	PEP Carboxylase
Serum/ Urine	Urea	Urease
Serum/ Urine	Creatinine	Kinetic Jaffe (compensated)
Serum/ Urine	Calcium	Arsenazo
Serum/ Urine	Phosphate	Molybdate
Serum/ Urine	Magnesium	Xylidyl Blue
Serum	Albumin	BCP
Serum	Total Protein	Biuret- End Point
Serum	Globulins	Calculated
Serum	Bilirubin	DIAZO
Serum	Conjugated Bilirubin	DPD
Serum	ALT	IFCC no PLP
Serum	ALP	IFCC PMP
Serum	GGT	IFCC
Serum	AST	Modified IFCC no PLP
Serum	CK	IFCC



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HUMAN BODY FLUIDS (as stated) (cont'd)	<u>Biochemistry Examination</u> <u>Activities for the Purpose of</u> <u>Clinical Diagnosis</u> (cont'd)	Documented in-house methods and manufacturer's operating instructions as specified:
	Quantification of: (cont'd)	Beckman Coulter AU5811 Analyser BS-SOP016 and measurement principles:
Serum	LDH	Pyruvate to Lactate (SCE)
Serum	CRP	Immunoturbidimetric
Serum	Amylase	Ethylidene G7PNP
Serum/CSF	Glucose	Hexokinase
Serum/Urine	Urate	Uricase/Peroxidase
Plasma/CSF	Lactate	Lactate Oxidase L-P
Plasma	Ammonia	GLDH NASH-NAD
Plasma/ Urine	Ethanol	EMIT
Serum	Paracetamol	Enzymatic p-aminophenol and o-cresol
Serum	Salicylate	EMIT
Serum	Theophylline	EMIT
Serum	Digoxin	Immuno-inhibition
Serum	Lithium	Colourimetric
Serum	Phenytoin	EMIT
Serum	Valproate	EMIT
Serum	Carbamazepine	EMIT
Serum	Gentamicin	EMIT
Serum	Vancomycin	EMIT
Serum	Tobramycin	EMIT



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	Quantification of: (cont'd)	Beckman Coulter AU5811 Analyser BS-SOP016 and measurement principles
Serum	Bile Acids	Enzymatic
Serum	ACE	Enzymatic FAPGG
Serum	Cholesterol	Cholesterol Oxidase
Serum	HDL-C	Immunoinhibition
Serum	Triglycerides	Lipase/ Glycerol Reduction
Serum	IgG	Immunoturbidimetric
Serum	IgA	Immunoturbidimetric
Serum	IgM	Immunoturbidimetric
Serum	C3	Immunoturbidimetric
Serum	C4	Immunoturbidimetric
Serum	Transferrin	Immunoturbidimetric
Serum	Iron	TPTZ
Serum	UIBC	Nitroso-PSAP
Serum	Rheumatoid Factor	Immunoturbidimetric
Urine/CSF	Protein	Pyrogallol/Molybdate
Urine	Albumin	Immunoturbidimetric
Serum	hsTnl (Higher sens Troponin)	Chemiluminescence
Serum	Teicoplanin	PETIA
Serum	Alpha-1 Antitrypsin	Immunoturbidimetric



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	Quantification of:	Beckman Coulter DXI 800 Immunoassay System using Chemiluminescent Immunoassay with reference to: DOC28
Serum	TSH	
Serum	FT4	
Serum	FT3	
Serum	TPO	
Serum	FSH	
Serum	LH	
Serum	Prolactin	
Serum	Oestradiol	
Serum	Progesterone	
Serum	Testosterone	
Serum	SHBG	
Serum	PTH	
Serum	Total IgE	
Serum	Cortisol	
Serum	Vitamin B12	
Serum	Folate	
Serum	Ferritin	
Serum	Vitamin D	
Serum	HCG	



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	Quantification of: (cont'd)	Beckman Coulter DXI 800 Immunoassay System using Chemiluminescent Immunoassay with reference to: DOC28
Serum	AFP	
Serum	PSA	
Serum	CEA	
Serum	Procalcitonin	
Serum	CA125	
Serum	CA19-9	
Serum	GH	
Serum	Sensitive Oestradiol Method	
Sweat	NaCl Molarity	Sweat test: collection and analysis using Macroduct System and Sweat-chek Analyser by conductivity CHEMP426 CHEMP427
	Sweat Chloride	Chlorocheck Chloridometer Dode 1 3400DOP: BS-SOP084
Serum/Urine	Osmolality	Advanced Micro-osmometer OSMO1 DOC6179 using freezing point depression
CSF	Xanthochromia	Cecil 3000 BS-SOP005 using spectrophotometric method



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Faeces	Faecal Immunochemical Testing (FIT) for symptomatic testing	OC-Sensor PLEDIA automated immunochemical analyser BS-SOP075
Serum	Serum electrophoresis	Sebia Capillarys 2 flex using capillary electrophoresis DOC155
Serum	Serum immunofixation	Sebia Capillarys 2 flex using immunosubtraction DOC156
Urine	Urine electrophoresis	Sebia Hydrasis 2 scan using electrophoresis DOC710
Urine	Urine immunofixation	Sebia Hydrasis 2 scan using immunofixation BS-SOP055



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HUMAN BODY FLUIDS (as stated) (cont'd)	<u>Immunology Examination</u> <u>Activities for the Purpose of</u> <u>Clinical Diagnosis</u>	Documented in-house methods and manufacturer's operating instructions as specified:
Blood/ Serum	Quantification of:	IF Sprinter (Euroimmun) Semi-Automated/ Manual Methods using Indirect Immunofluorescence:
	Anti-Neutrophil Cytoplasmic Antibody Screen cANCA & pANCA	IMSOP007
	dsDNA Screen	IMSOP008
	Anti- Intrinsic Factor Antibody Screen	IMSOP009
	Autoantibody Screen (ANA, SMA, AMA, LKM, GPC)	IMSOP002
	Anti-Skin Antibody Screen, Basement Membrane and Epidermis	IMSOP010



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Serum	Myositis associated antibodies: Mi2 Ku PM-Scl 100 PM-Scl 75 Jo-1 SRP PL-7 PL-12 EJ OJ Ro-52	
Serum	Autoimmune Cytoplasmic antibodies: AMA-M2 M2-3E Ribosomal-P Jo-1 SRP PL-7 PL-12 EJ OJ Ro52	



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	Identification of:	Elia Phadia 250 using EliA fluorescence enzyme immunoassay (sandwich) with reference to:
Blood/Serum	Anti-Glomerular Basement Membrane Screen	IMSOP022
Blood/Serum	Anti-Neutrophil Cytoplasmic Antibody Quantification PR3 & MPO	
Blood/Serum	dsDNA Quantification	
Blood/Serum	IgA & IgG Anti- Tissue Transglutaminase (tTG)	
Blood/Serum	Extractable Nuclear Antibodies (ENA) Screen	
Blood/Serum	ENA Identification: Ro, La, Sm, RNP, Scl-70, Jo-1, Centromere	
Blood/Serum	Anti- Cardiolipin Antibody Screen IgG and IgM	
Blood/Serum	Anti B2 Glycoprotein 1 Screen, IgG and IgM	
Blood/Serum	Cyclic Citrullinated Peptide (CCP) Antibody Screen	
Blood/ Serum	Identification of Avian Precipitins, IgG Abs against Pigeon, Parrot, Budgie	IMSOP022
Blood/Serum	Aspergillus Precipitins, IgG & IgE against <i>Aspergillus fumigatus</i>	IMSOP022
Blood/Serum	Micropolyspora Precipitins (Farmer's Lung)	



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Blood/Serum	Identification of: (cont'd)	Elia Phadia 250 using EliA fluorescence enzyme immunoassay (sandwich) with reference to:
Blood/Serum	Thyroid Stimulating Hormone receptor (TRAB)	IMSOP22
	Quantification of Total IgE and specific IgE (RAST) for the following allergens:	
	House dust mite	
	Bumblebee	
	Common wasp	
	Timothy grass	
	Common ragweed	
	Mugwort	
	Common silver birch	
	<i>Aspergillus fumigatus</i>	
	<i>Alternaria alternata</i>	
	<i>Aspergillus niger</i>	
	Cat dander	
	Dog dander	
	Horse dander	
	Guinea pig epithelium	
	Rabbit epithelium	
	Rat epithelium	
	Serum and urine proteins	



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Blood/Serum (cont'd)	Quantification of Total IgE and specific IgE (RAST) for the following allergens (cont'd) Hamster epithelium Goose feathers Chicken feathers Duck feathers Turkey feathers Budgerigar feathers Canary bird feathers Parakeet feathers Parrot feathers Finch feathers Cefaclor Chlorhexidine Penniciloyl G Penniciloyl V Latex Apple Banana Broccoli Cherry	Elia Phadia 250 using EliA fluorescence enzyme immunoassay (sandwich) IMSOP22



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Blood/Serum (cont'd)	Quantification of Total IgE and specific IgE (RAST) for the following allergens (cont'd) Garlic Grape Kiwi Lime Mango Melon Onion Orange Passion fruit Peach Pear Pineapple Plum Potato Raspberry Strawberry Tomato Almond Barley	Elia Phadia 250 using EliA fluorescence enzyme immunoassay (sandwich) IMSOP22



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HUMAN BODY FLUIDS (as stated) (cont'd)	<u>Immunology Examination</u> <u>Activities for the Purpose of</u> <u>Clinical Diagnosis</u> (cont'd)	Documented in-house methods and manufacturer's operating instructions as specified:
Blood/Serum (cont'd)	Quantification of Total IgE and specific IgE (RAST) for the following allergens (cont'd) Brazil nut Cashew nut Chick pea Coconut Gluten Green bean Hazelnut Lentil Mace Corn Oat Pea Peanut Pine nut Pistachio Red kidney bean Rice Rye Sesame seed	Elia Phadia 250 using EliA fluorescence enzyme immunoassay (sandwich) IMSOP22



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HUMAN BODY FLUIDS (as stated) (cont'd)	<u>Immunology Examination</u> <u>Activities for the Purpose of</u> <u>Clinical Diagnosis</u> (cont'd)	Documented in-house methods and manufacturer's operating instructions as specified:
Blood/Serum (cont'd)	Quantification of Total IgE and specific IgE (RAST) for the following allergens (cont'd) Walnut Wheat White bean Crab Fish (cod) Lobster Salmon Sardine (pilchard) Shrimp Tuna Chicken Egg Cheese (cheddar type) Cheese (mould type) Milk Cochineal extract (carmine red E120) Cacao Yeast <i>Saccharomyces cerevisiae</i>	Elia Phadia 250 using EliA fluorescence enzyme immunoassay (sandwich) IMSOP22



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Blood/Serum (cont'd)	Quantification of Total IgE and specific IgE (RAST) for the following allergens (cont'd) Budgerigar serum proteins, feathers and droppings Parrot serum proteins, feathers and droppings Pigeon serum proteins, feathers and droppings	Elia Phadia 250 using EliA fluorescence enzyme immunoassay (sandwich) IMSOP22
Faecal	Quantification of Calprotectin 2	Elia Phadia 250 (cont') using EliA fluorescence enzyme immunoassay (sandwich) IMSOP19 (preparation) IMSOP22
Blood/Serum	Identification of the following allergens/antibodies: AMA-M2 M2-3E (BPO) LKM SLA/LP LC-1 Sp100 PML gp210 Ro-52	EuroLine Blot Master IMSOP 032



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HUMAN BODY FLUIDS (as stated) (cont'd) Blood (Citrate/Plasma)	<u>Haematological Examination</u> <u>Activities for the Purpose of</u> <u>Clinical Diagnosis</u> Quantification of: APTT APTT 50% Correction APTT for IV Heparin Monitoring APTT Ratio Factor VIII:C INR Prothrombin Time PT 50% Correction	Documented in-house methods and manufacturer's operating instructions as specified: STAGO Starmax using clot- based method with reference to:



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Blood (Citrate/Plasma) (cont'd)	Quantification of: (cont'd)	STAGO Starmax using chromogenic method with reference to:
	Heparin Anti Xa Post	DOC2550
	Heparin Anti Xa Pre	
Serum	Heparin- induced Thrombocyte Test	Manual testing using STic Expert HIT as an immunoassay: COAG047
Blood (Citrate/Plasma)	Quantification of:	STAGO Starmax using Mechanical- Chronometry and Immunological- Photometry DOC1765 and DOC 2144
	Clauss Fibrinogen	
	D-Dimer	



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Blood (EDTA)	Quantification of: Thalassaemia Screen Hb A Hb A2 Hb F Hb S Hb C Hb D Haemoglobinopathy Screen Hb A2 Hb F Haemoglobinopathy Screen Hb S Hb Variant Screen	TOSOH G11 using HPLC with reference to: BS-SOP033
Blood	HbA1c Hb S (Sickle cell screening)	TOSOH G11 using HPLC with reference to: DOC3190 Streck S-test Kit qualitative solubility test HAEM040
Blood (EDTA)	ESR	Alifax ESR Analyser HAEM034 using photometric method
Blood (EDTA)	Identification of cell types	Examination of Blood Film by Manual Microscopy using Wright's Stain (including review by consultants and urgent films) HAEMSOP 053 HAEMSOP 051 Using Wright's Stain BSSOP35 DOC6539 BS-SOP066



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Blood (EDTA)	Full Blood Count: White blood cells Red blood cells Hb PCV MCV MCH MCHC RDW Platelets MPV Neutrophils Lymphocytes Monocytes Eosinophils Basophils Reticulocytes	Beckman Coulter DXH 900 DOC 2590DOC1036 using Cell Volume, High Frequency Conductivity and Laser methods
Blood (EDTA)	Absolute Reticulocytes	Beckman Coulter DXH DOC2590
Blood (EDTA)	Detection of infectious mononucleosis heterophile antibodies	IM Screen HAEM SOP 045 using Biokit - Monogen latex method
Blood (EDTA)	Cell differential and morphology	DxH Slidemaker/Stainer II using wedge/pull technique and Romanowsky staining BS-SOP035 Blood Film Differential by Manual Microscopy DOC6539 Using Wright's Stain BSSOP35



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Blood (EDTA)	Malarial Parasite Screen for detection of histidine-rich protein II antigen: <i>Plasmodium falciparum</i> And a pan-malarial antigen common to pan-detection of: <i>Plasmodium ovale</i> <i>Plasmodium malariae</i> <i>Plasmodium vivax</i>	BinaxNOW Immunochromogenic assay (manual) HAEM060 HAEM054
Blood (EDTA)	Malarial Parasite screen for detection of: <i>Plasmodium falciparum</i> And pan-detection of: <i>Plasmodium ovale</i> <i>Plasmodium malariae</i> <i>Plasmodium vivax</i> <i>Plasmodium knowlesi</i>	Thick and thin film – Manual staining Fields and Giemsa HAEM054



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HUMAN BODY FLUIDS (as stated) (cont'd)	<u>Blood Transfusion Testing for the purpose of clinical diagnosis</u>	Documented in-house methods and manufacturer's operating instructions as specified:
Blood (EDTA)	Blood Group and Screening: • ABO • Rh	Fully automated Ortho Swift Analyser (Column Agglutination) by Electronic detection of interface TR0123
Blood (EDTA)	Blood Grouping and Screening: • ABO • Rh	Ortho Biovue cassette (manual method) TR 014
Cord Blood	Blood Grouping: • ABO • Rh	Fully automated Ortho Swift Analyser (Column Agglutination) by Electronic detection of interface using ABDD cassette. TR 024
Cord Blood	Blood Grouping: • ABO • Rh	Ortho Biovue cassette (manual method) TR 014
Blood (EDTA) Cord Blood	Antigen phenotyping to include: • Rhesus: C, c, E, e, Kell	Fully automated Ortho Swift Analyser (Column Agglutination) by Electronic detection of interface TR0123
Blood (EDTA) Cord Blood	Antigen phenotyping to include: • Rhesus: C^w, C, c, E, e, K, • Kidd: Jk^a, Jk^b, • Duffy: Fy^a, Fy^b, • MNS: M, N, S, s, • A1	Ortho Biovue cassette (manual method) TR 014



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HUMAN BODY FLUIDS (as stated) (cont'd)	<u>Blood Transfusion Testing for the purpose of clinical diagnosis</u> (cont'd)	Documented in-house methods and manufacturer's operating instructions as specified:
Blood (EDTA)	Antibody Identification - Rhesus: anti-C^w, anti-C, anti-c, anti-D, anti-E, anti-e, - Kell system: anti-K, anti-k, - Kidd: anti-Jk^a, anti-Jk^b, - Duffy: anti-Fy^a, anti-Fy^b, - MNS: anti-M, anti-N, anti-S, anti-s, - P1, Lu^a, Kp^a, Le^a, Le^b	Fully automated Ortho Swift Analyser(Column Agglutination) by Electronic detection of interface using NHSBT and/or Ortho panel cells (IAT and enzyme treated) TRO90 TR0123 TR0120 Manual Biovue cassette only using Ortho panel cells (IAT and enzyme treated)
Blood (EDTA)	Antibody titres: - Rhesus: anti-C^w, anti-C, anti-E, anti-e, - Kell system: anti-K, - Kidd: anti-Jk^a, anti-Jk^b, - Duffy: anti-Fy^a, anti-Fy^b, - MNS: anti-M, anti-N, anti-S, anti-s	Manual method using Ortho Biovue Cassette (column agglutination) TR005
Blood (EDTA)	Compatibility testing of patient's plasma with donor cells	Manual serological crossmatch- detection of agglutination TR 026 Electronic Issue TR 036
Blood (EDTA)	Direct Anti Human Globulin	Fully automated Ortho Swift Analyser (Column Agglutination) by Electronic detection of interface TR 032 Ortho Biovue cassette (manual method)
Cord Blood	Direct Anti Human Globulin	Ortho Biovue cassette (manual method)
Blood (EDTA)	Kleihauer Test: detection of foetal cells in maternal blood	Manual acid elution method and with eosin counterstain and microscopy TR 055



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HUMAN TISSUES Biopsy, Resection and Post Mortem Tissue, Formalin –Fixed and Fresh TBNA/EBU Formalin-fixed paraffin wax blocks of processed tissue Fresh frozen tissue	<u>Histological/ Cytological Examination Activities for the Purpose of Clinical Diagnosis</u> Demonstration of General Tissue Architecture	Documented in-house methods and manufacturer's operating instructions as specified: Sample Reception and Dissection HIST001 HIST002 HIST003 HIST004 HIST006 HIST007 HIST005 Tissue Processing Thermo Excelsior Tissue Processors HIST013 HIST014 HIST015 Decalcification HIST038 Tissue Embedding Leica Embedding Stations HIST010 Tissue Sectioning Microtomes: Leica RM2135, RM2235, RM2255, RM3135 and Thermo Finesse, Eprelia HM340E HIST024 HIST025 HIST026 Frozen Sections and manual H&E Staining Leica CM1950 Cryostat HIST011 HIST012



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HUMAN TISSUES (cont'd)	<u>Histological/ Cytological Examination Activities for the Purpose of Clinical Diagnosis</u> (cont'd)	Documented in-house methods and manufacturer's operating instructions as specified:
FFPE Slides (Formalin-fixed paraffin embedded) tissue on glass slides	Demonstration of General Tissue Architecture	Haematoxylin & Eosin Staining Leica Autostainer ST5020 Leica Coverslipper CV5030 HIST028 HIST046
	Demonstration of:	Special Stain Manual Techniques:
	Carbohydrates	Alcian Blue Diastase PAS (ABDPAS) HIST032
	Carbohydrates	Alcian Blue PAS (ABPAS) HIST033
	Carbohydrates	Alcian Blue HIST034
	Amyloid	Congo Red HIST037
	Carbohydrates	Diastase PAS (DPAS) HIST039
	Elastic fibres	Elastic Van Gieson (EVG) HIST040
	Gram positive and negative bacteria	Gram Stain HIST043
	Fungi	Grocott HIST045
	Melanin	Mallory's Bleach HIST049
	Melanin	Masson Fontana HIST050
	Connective Tissues	Masson Trichrome HIST0500



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HUMAN TISSUES (cont'd)	<u>Histological/ Cytological Examination Activities for the Purpose of Clinical Diagnosis</u> (cont'd)	Documented in-house methods and manufacturer's operating instructions as specified:
FFPE Slides (Formalin-fixed paraffin embedded) tissue on glass slides (cont'd)	Demonstration of: (cont'd)	Special Stain Manual Techniques
	Cell nuclei	Mayer's Haematoxylin HIST051
	Fibrin	MSB HIST052
	Carbohydrates	Period Acid- Schiff (PAS) HIST056
	Haemosiderin	Perl's Prussian Blue HIST057
	Reticulin Fibres	Reticulin- Gordon and Sweet's HIST059
	Mast Cells	Toluidine Blue HIST062
	Connective Tissues	Van Gieson HIST063
	Acid- fast bacilli	Ziehl Neelsen HIST066
	Copper	Victoria Blue DOC6406



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HUMAN TISSUES (cont'd)	<u>Histological/ Cytological Examination Activities for the Purpose of Clinical Diagnosis</u> (cont'd)	Documented in-house methods and manufacturer's operating instructions as specified:
FFPE Slides (Formalin-fixed paraffin embedded) tissue on glass slides (cont'd)	Demonstration of:	Immunohistochemistry Dako Omnis and Link 48 Deparaffinization and antigen retrieval using PT Links D1125 SOP DOC 1124
	Cytokeratin	AE1/3
	Hepatocytes and germ cell tumours	AFP
	Mesothelioma	BerEP4
	Small cell lymphoma panel	BCL2
	Large cell lymphoma panel	BCL6
	GI Tumours/Pancreas	CK19
	Mesothelial and Lung tumours	Calretinin
	Small cell lymphoma panel	CD3
	T Cells	CD4
	Small cell lymphoma panel	CD5
	T Cells	CD8
	Small cell lymphoma panel	CD10
	Small cell lymphoma panel	CD15
	Small cell lymphoma panel	CD20
	Small cell lymphoma panel	CD21
	Small cell lymphoma panel	CD23
	Large cell lymphoma panel	CD30
	Endothelial cells	CD31



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HUMAN TISSUES (cont'd)	<u>Histological/ Cytological Examination Activities for the Purpose of Clinical Diagnosis</u> (cont'd)	Documented in-house methods and manufacturer's operating instructions as specified:
FFPE Slides (Formalin-fixed paraffin embedded) tissue on glass slides (cont'd)	Demonstration of: (cont'd)	Immunohistochemistry Dako Omnis and Link 48 Deparaffinization and antigen retrieval using PT Links D1125 SOP DOC 1124
	Vascular Epithelium	CD34
	Small cell lymphoma panel	CD43
	Neuroendocrine marker	CD56
	Macrophages	CD68
	GIST	CD117
	Colonic tumours	CDX2
	Epithelial tumours	CEA
	Neuroendocrine marker	Chromogranin
	Myoepithelial marker	Ck5/6
	Lung panel	Ck7
	Breast	Ck14
	Lung panel	Ck20
	Prostate	CK34
	Smooth and striated muscle	Desmin



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HUMAN TISSUES (cont'd)	<u>Histological/ Cytological Examination Activities for the Purpose of Clinical Diagnosis</u> (cont'd)	Documented in-house methods and manufacturer's operating instructions as specified:
FFPE Slides (Formalin-fixed paraffin embedded) tissue on glass slides (cont'd)	Demonstration of: (cont'd)	Immunohistochemistry (cont') Dako Omnis and Link 48 Deparaffinization and antigen retrieval using PT Links D1125 SOP DOC 1124
	Prognostic marker in breast carcinoma and non-small cell lung carcinoma	ECAD
	Large cell lymphoma panel	EMA
	Breast tumours	ER
	Melanoma panel	HMB45
	Proliferating cells	MIB-1
	Cytokeratin	MNF116
	Cervical cancer	P16
	Tumours of multiple cell lineages	P53
	Lung panel	P63



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HUMAN TISSUES (cont'd)	<u>Histological/ Cytological Examination Activities for the Purpose of Clinical Diagnosis</u> (cont'd)	Documented in-house methods and manufacturer's operating instructions as specified:
FFPE Slides (Formalin-fixed paraffin embedded) tissue on glass slides (cont'd)	Demonstration of: (cont'd)	Immunohistochemistry Dako Omnis and Link 48 Deparaffinization and antigen retrieval using PT Links D1125 SOP DOC 1124
	Thyroid and differential in ovarian tumours	PAX 8
	Lymphatic endothelium and mesothelial cells	Podoplanin
	Breast	PR
	Smooth muscle	SMA
	Smooth muscle myosin	SMM
	Neuroendocrine	Synaptophysin
	Thyroid	TTF-1
	Mesenchymal cells	Vimentin
	Renal tumours, mesothelioma	WT1
	Breast tumours & Urothelial cancers	GAT3
	Lynch Syndrome	MSH6
	Lynch Syndrome	MSH2
	Lynch Syndrome	MLH1



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HUMAN TISSUES (cont'd)	<u>Histological/ Cytological Examination Activities for the Purpose of Clinical Diagnosis</u> (cont'd)	Documented in-house methods and manufacturer's operating instructions as specified:
FFPE Slides (Formalin-fixed paraffin embedded) tissue on glass slides (cont'd)	Demonstration of: (cont'd)	Immunohistochemistry Dako Omnis and Link 48 Deparaffinization and antigen retrieval using PT Links D1125 SOP DOC 1124
	Lynch Syndrome	PMS2
	Distinction between lobular neoplasia (LN) of the breast and ductal carcinoma in situ (DCIS)	Beta Catenin
	<u>Histological/ Cytological Examination Activities for the Purpose of Clinical Diagnosis</u> (cont'd)	Documented in-house methods and manufacturer's operating instructions as specified:
FFPE Slides (Formalin-fixed paraffin embedded) tissue on glass slides from samples listed above	Morphological assessment and interpretation/ Diagnosis	Interpretative/ diagnostic microscopy CCPATH066
		QMS011 RCPath Guidelines
Head and neck Breast FNAs Body cavity fluids CSF Urine Bronchial washings/lavage Brushings-Bronchial/biliary Sputa	Examination of cellular material in order to identify or exclude morphological and cytological abnormalities	Diagnostic cytology (non-gynae) in- house documented manual procedures for preparation, screening and reporting:
		CYT0195 Body Fluids Unfixed Specimens CYT0197 Specimens received in fixative DOC831 Preparing Cell blocks from Cytology Specimens CYT0200 Pre-cassetting small clots from Cytology Specimens for Histology
	Demonstration of cells (nuclei and cytoplasm) and micro organisms	Leica ST5020 – Stainer Leica CV 5030- Coverslipper CYT060 Rapi Diff II staining method for air-dried slides HIST028 Use of Stainer and Coverslipper HIST057 Perl's Prussian Blue CYT1826 PAP staining of a fixed slide



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HUMAN TISSUES (cont'd) Stained cytological preparations on glass slides from samples listed above	<u>Histological/ Cytological Examination Activities for the Purpose of Clinical Diagnosis</u> (cont'd) Morphological assessment and interpretation/ Diagnosis	Documented in-house methods and manufacturer's operating instructions as specified: Microscopes: Leica DM LB Leica DMLS Nikon Eclipse Ci-LLLeitz Laborlux 12 Leitz Laborlux K Nikon Eclipse 80i Nikon Eclipse E400 Olympus BX50 Olympus BX41TF QMS011 QMS Review and Reporting of Results PATH0321 reporting results-an overview of the process PATH0250 Cerner: Amending a report CPMED005 Consultants Report Entry Screen
END		