

Schedule of Accreditation



Organisation Name	Mater Private Hospital
Trading As	
INAB Reg No	191MT
Contact Name	Nuala Merrin
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Accreditation Standard	ISO 15189
Date Initially Awarded	22/04/2008
Scope Classification	Microbiology and virology
Scope Classification	Blood Transfusion Science
Scope Classification	Haematology
Scope Classification	Immunology
Scope Classification	Histopathology and cytopathology
Scope Classification	Chemical pathology

Services available to the public¹

¹ Refer to document on interpreting INAB Scopes of Accreditation

Sites from which accredited services are delivered	
(the detail of the accredited services delivered at each site are on the Scope of Accreditation)	
Name	Address
1 Head Office	Blood Transfusion Department, Eccles Street, Dublin, D7

Scope of Accreditation

Head Office

Blood Transfusion Science

Category: A

Medical pathology field - Test	Test/assay	Specimen Type	Equipment/Technique	Method (CE/Non-CE/In house developed/based on standard method)	Range of measurement	Std. ref & SOP
1020 Transfusion science - .01 Blood grouping including ABO, Rh(D) and other antigens by manual methods	Blood grouping (ABO RH (D) Typing) & antibody screen	EDTA Type and Screen samples & serum samples for antibody screen	Column agglutination technology	NA	CE Marked	LM-BT-0002 Manual Method of ABO/ Rh D Grouping & Antibody Screening
1020 Transfusion science - .02 Blood grouping including ABO, Rh(D) and other antigens by automated methods			Column agglutination technology	ID Gelstation	CE Marked	LM-BT-0023 Automated Method of ABO /Rh D Grouping & Antibody Screening using the ID Gelstation
	Blood grouping (ABO RH (D) Typing), Antibody Screening, Antibody Identification, Direct Coombs Testing, Antigen typing	EDTA whole blood	IH500	CE	N/A	LS-BT-0041
1020 Transfusion science - .03 Blood group antibody screen	Antibody Identification	Plasma / Serum	IH500, ID Gelstation column technology	CE	CE Marked	LM-BT-0010 Manual & Automated Methods of Antibody Identification
1020 Transfusion science - .05 Cross match compatible donor units	Compatibility Testing	Plasma	Column agglutination technology	Not Applicable	CE Marked	LM-BT-0007 Crossmatching & Issue of Red Cells, Platelets & other Blood Products
1020 Transfusion science - .06 Red cell phenotyping	Antigen Typing	EDTA Type and Screen samples	IH500, ID Gelstation. Column agglutination technology	CE	CE Marked	LM-BT-0014 Manual & Automated Methods of Antigen Typing
1020 Transfusion science - .09 Direct antiglobulin test	Direct Coombs Testing	EDTA Type and Screen samples	Ih500 ID Gelstation. Column agglutination technology	CE	CE Marked	LM-BT-0020 Manual & Automated Methods of Direct

						Antiglobulin Testing (DAT)
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a The hospital blood bank has been assessed and is competent to comply with Articles 14 and 15 of the EU Directive 2002/98/EC (S.I. 360/2005 and S.I. 547/2006)

Medical pathology field - Test	Test/assay	Specimen Type	Technique	Equipment/Range of Measurement	Method (CE/Non-CE/In house developed/based on standard method)	Std. Ref & SOP
1061 Clinical Chemistry - .01 Analytes in general use in cardiac, liver function, lipid, renal and other profiles and metabolic studies	Albumin	Serum	Bromocresol green	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	Alk Phos	Serum	Roche AMP Buffer	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	ALT	Serum	Tris buffer with p5p	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	Amylase	Serum/Urine	Roche liquid stable pnp ₇	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	AST	Serum	Tris buffer without p5p	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	Bicarbonate		Enzymatic	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	Bilirubin		Dichlorophenyl Diazonium	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	Calcium	Serum/Urine	NM-BAPTA	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	Calcium corrected	Serum	Calculation	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	Chloride	Serum / urine	ISE indirect	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	Cholesterol Total	Serum	Cholesterol oxidase	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	Cholesterol HDL & LDL	Serum	Direct HDL & LDL	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	CK		CK-NAC(IFCC)	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	CKMB		CK-NAC(IFCC)	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	Creatinine /creatinine clearance serum / urine	Serum / urine	Roche Creatinine plus	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	CRP	Serum	Immunoturbidimetric	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	Digoxin		Immunoassay	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	Gamma GT		Gamma glut3carb4nitro	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	Globulin calculation		Calculation	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	Glucose	Serum/CSF/Urine	Hexokinase	Roche Cobas 6000	CE based on standard method	LM-BIO-0014

	Iron	Serum	FerroZine without deproteinization	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	LDH	Serum	L to P IFCC	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	Magnesium	Serum	Xyldyl blue	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	NT-PRO-BNP		ECLIA Immunoassay	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	Phosphate		Phosphomolybdate UV	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	Potassium	Serum / urine	Indirect ISE	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	Sodium		Indirect ISE	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	Triglyceride	Serum	Lipase	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	Urate	Serum	Uricase	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	Urea	Serum / urine	Urease	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
1061 Clinical Chemistry - .02 Proteins, quantitative analysis	hs-Troponin T	Serum	ECLIA Immunoassay	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
1061 Clinical Chemistry - .06 Blood pH and gas tensions	HbA1c	Whole Blood	HPLC	Adams Arkray 8160	CE Marked	LS-BIO-0029 Operation of the Arkray A1C HA-8160 Analyser System LM-BIO-0012 Determination of HBA1C in a Patient Sample
1061 Clinical Chemistry - .10 Drugs for therapeutic monitoring	Gentamicin	Serum	KIMS	Roche Cobas 6000	CE based on standard method	
	Vanc		KIMS	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
1061 Clinical Chemistry - .20 Hormones	Free T4		ECLIA Immunoassay	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	TSH		ECLIA Immunoassay	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
1061 Clinical Chemistry - .40 Iron studies	Transferrin		Immunoturbidimetric	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
1061 Clinical Chemistry - .50 Protein and peptide tumour markers	Ca125		ECLIA Immunoassay	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	Ca153		ECLIA Immunoassay	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	CEA		ECLIA Immunoassay	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
	TPSA		ECLIA Immunoassay	Roche Cobas 6000	CE based on standard method	LM-BIO-0014
1061 Clinical Chemistry - .60 Glycohaemoglobins	HbA1c	Whole Blood	HPLC	Adams Arkray 8160V	CE based on standard method	LS-BIO-0029 Operation of the Arkray A1C HA-8160V Analyser System

Medical pathology field - Test	Test/Assay	Specimen Type	Technique	Range of Measurement/Equipment	Method (CE/Non-CE/In house developed/based on standard method)	Std. Ref & SOP
1030 Haematology - .01 Blood counts	Full Blood Counts including WBC 1 - RCC 2 - MCV & RDW 3 - HCT 4 - MCHC 5 - Hb 6 - Platelet	Whole Blood	1 - Directly measured 2 - Derived from the RCC 3 - Calculated from RCC & MCV 4 - Calculated from RCC & Hb 5 - Photo-optical 555um 6 - Optical flow cytometry	Cell Dyn Ruby	CE Marked	LM-HAEM-0044 Full Blood Counts & Differentials using the Cell Dyn Ruby LS-HAEM-0034 Operation and Maintenance of the Cell Dyn Ruby LS-HAEM-0016 The Handling of Specimens in the Haematology Department LS-HAEM-0020 Operation of Centra CL2 Centrifuge, Spiramix, Waterbath, Angelantoni Fridge LS-HAEM-0022 Quality Control in Haematology
1030 Haematology - .02 Visual examination of blood films	Visual examination of blood films		May Grunwald Giemsa	Manual	CE Marked	LM-HAEM-0032 May Grumwald Giemsa Staining of Blood Films & Bone Marrow Smears by Manual Method
			Modified Wrights Stain	Hematek	CE Marked	LM-HAEM-0028 Preparation, Microscopic Examination & Reporting of Blood Films LM-HAEM-0043 Staining of Blood Films using the Hematek Staining Machine LS-HAEM-

						0016 The Handling of Specimens in the Haematology Department
1030 Haematology - .03 Erythrocyte sedimentation rate	Erythrocyte Sedimentation Rate		The surface layer of the erythrocytes is detected by means of a change of light intensity at the beginning of the measuring process and after one hour	Desaga S2000	CE Marked	LM-HAEM-0042 ESR Determination using the Desaga S2000 & Sedivette Back-up LS-HAEM-0016 The Handling of Specimens in the Haematology Department
1030 Haematology - .05 Automated differential leucocyte counts	WBC count & differential		Laser light flow cytometry using MAPPS (multi-angle polarized scatter separation technology)	Cell Dyn Ruby	CE Marked	LM-HAEM-0044 Full Blood Counts & Differentials using the Cell Dyn Ruby LS-HAEM-0034 Operation and Maintenance of the Cell Dyn Ruby LS-HAEM-0016 The Handling of Specimens in the Haematology Department LS-HAEM-0020 Operation of Centra CL2 Centrifuge, Spiramix, Waterbath, Angelantoni Fridge LS-HAEM-0022 Quality Control in Haematology
1030 Haematology - .06 Automated reticulocyte counts	Reticulocyte Count		New Methylene Blue	Cell Dyn Ruby 1 Manual/ Microscopy	CE Marked	LM-HAEM-0036 Performance of Reticulocytes : Automated & Manual Method LS-HAEM-0016 The Handling of Specimens in the Haematology Department
1030 Haematology - .09 Examination of malarial parasites	Blood Film Examination		Thick and Thin Films Fields stain and Giemsa stain	Microscopy	CE Marked	LM-HAEM-0028 Preparation,

						Microscopic Examination & Reporting of Blood Films
	Malaria Rapid Diagnostic Test		Immuno-chromatographic test	Manual macroscopic visualisation	CE Marked	LM-HAEM-0009 Identification of Malarial Parasites using a Test Kit * Microscopic Examination of Films LS-HAEM-0016 The Handling of Specimens in the Haematology Department
1030 Haematology - .30 Tests for haemoglobin variants and thalassaemia	Sickle Cell Screen		Haemoglobin solubility test method	Manual macroscopic visualisation	CE Marked	LM-HAEM-0022 Sickle Cell Disease and Sickle Cell Trait Screening LS-HAEM-0016 The Handling of Specimens in the Haematology Department LS-HAEM-0020 Operation & Maintenance of MPW-223e Centrifuge, Stuart Waterbath, Angelantoni Fridge
1030 Haematology - .41 General haemostasis related tests	General Haemostasis tests including PT, INR, APTT, Fibrinogen quantation, D-dimer, correction studies	Plasma	Mechanical clotting system	Stago compact Max	CE	LM-HAEM-0046
	General Haemostasis tests including PT, INR, APTT, Fibrinogen quantation, D-Dimer, Correction Studies		Mechanical Clotting System	Stago Compact	CE Marked	LM-HAEM-0041 Operation of the Stago Compact Analyser in the Performance of the PT/INR, APTT, Fibrinogen and D Dimers LS-HAEM-0016 The Handling of Specimens in the Haematology Department LS-HAEM-

						0020 Operation & Maintenance of MPW-223e Centrifuge, Stuart Waterbath, Angelantoni Fridge LS-HAEM-0022 Quality Control in Haematology
1030 Haematology - .58 Vitamin B12 and folate (serum and red cell)	B12, Ferritin, Folate	Serum	ECLIA	Roche Cobas 6000	CE method	LM-HAEM-0040. OPERATION OF THE COBAS 6000 ANALYSER
	B12, FOLATE, FERRITIN			Architect i2000	CE Marked	LM-HAEM-0045 Ferritin, B12 and Folate Performance on the Abbott Architect LS-HAEM-0016 The Handling of Specimens in the Haematology Department LS-HAEM-0037 Operation of the Abbott Architect in the Haematology Department

Medical pathology field - Test	Test/assay	Specimen Type	Equipment/Technique	Method (CE/Non-CE/In house developed/based on standard method)	Range of measurement	Std. ref & SOP
1051 Histopathology - .01 Processing fixed specimens for Histopathological testing	Automated Haematoxylin	Human tissue	Automated staining and coverslipping of slides on Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual disposal of used chemicals and stains.	Leica Multistainer ST5020 and Leica Coverslipper CV5030 Chemflow Fume Cabinet	CE/Based on standard method.	Automated Haematoxylin and Eosin Staining LM-HIST-0009 Staining LM-HIST-0010 Stains & Solutions LS-HIST-0049 Operation of the Leica Multistainer ST5020 and Leica Coverslipper CV5030 LS-HIST-0017 Operation of the Chemflow Fume Cabinet LS-HIST-0037 Disposal of Chemical and Clinical Waste
	Cover slipping & sorting		Automated coverslipping of slides using Leica Multistainer ST5020 and Leica CV5030. Manual checkin gand labelling and distribution of slides.	Leica Multistainer ST5020 and Leica CV5030 Nikon Microscope	CE/Based on standard method.	Coverslipping and Sorting LM-HIST-0011 Coverslipping in Histology & Cytology LS-HIST-0010 Operation of the Nikon Microscope LS-HIST-0017 Operation of the Chemflow Fume Cabinet LS-HIST-0024 Labeling, Sorting and Checking Slides and Recording Numbers LS-HIST-0049 Operation of the Leica Multistainer ST5020 and Leica CV5030
	Cut up		Manual dissection of Human tissue samples usin gthe G2 speech system in AFOS cut up room	AFOS Cut Up Room Balances-Ohous, Denver	N/A	LM-HIST-0022 Principles of good practice and training manual for Medical Scientists involved in Cut Up LS-HIST-0016 Operation of Balances in Histology

					LS-HIST-0044 AFOS Cut Up Room LS-HIST-0050 Operation of the G2speech
	Embedding	Manual method of impregnating Human tissue samples with paraffin wax using the Tissue Tek TEC 5 Embedding Centre, to create a wax tissue block.	Para Trimmer Tissue Tek TEC 5 Embedding Centre	CE/Based on standard method.	LM-HIST-0007 Embedding LS-HIST-0039 Operation of Para Trimmer LS-HIST-0045 Operation of Tissue Tek TEC 5 Embedding Centre
	Microtomy	Manual and automated use of microtomes for cutting tissue sections onto glass slides.	Leica RM 2255 (1-4) RA Lamb Waterbaths Histology Ovens	CE/Based on standard method.	Manual and motorized sectioning of processed tissue LM-HIST-0008 Cutting of Paraffin Blocks LS-HIST-0004 Operation of the Microtomes LS-HIST-0006 RA Lamb Waterbaths LS-HIST-0014 Operation of the Histology Ovens
	Specimen Reception Automated and Manual Haematoxylin and Eosin Staining Coverslipping	Manual labelling and entering specimens onto LIS. Automated printing of cassettes using the Leica IPC Automated Cassette Printer/Kaltek Dualvision Cassette Writer	Kaltek Dualvision Cassette Writer Leica IPC Automated Cassette Printer	CE/Based on standard method.	LS-LIS-0004 Operation of the Clinisys Laboratory Information Management System in Histology LM-HIST-0001 Specimen Reception, Labeling & Charging LM-HIST-0004 Fixation & Decalcification LS-HIST-0042 Operation of Kaltek Dualvision Cassette Writer LS-HIST-0055 Operation of the Leica IPC Automated Cassette Printer
	Tissue processing	Automated method of xylene, alcohol, paraffin wax infiltration of Human tissue samples using the VIP Tissue Processor/ Leica ASP6025	VIP Tissue Processor Leica ASP6025 Tissue Processor	Based on standard method	LM-HIST-0006 Tissue Processing LS-HIST-0032 Operation of VIP Tissue Processor LS-HIST-0054 Operation of the Leica ASP6025

1051 Histopathology - .02 Processing fresh specimens for frozen section examination	Cut-up Frozen section cryotomy and staining	Manual weighing, cutting of fresh tissue sample in AFOS cut up room. Manual use of Leica Cryostat to section tissue. Manual staining and coverslipping and labelling of slides. Manual entering of specimen details onto LIS, automated printing of cassette using Leica IPC Automated Cassette Printer / Kaltek Dualvision Cassette Writer.	Leica Multistainer ST5020 and Leica Coverslipper CV5030 Leica Cryostat CM1950 Balances- Ohaus, Denver Chemflow Fume Cabinet Kaltek Dualvision Cassette Writer Leica IPC Automated Cassette Printer	Based on standard method	Cryotomy and Staining LM-HIST-0002 Frozen Sections LM-HIST-0009 Staining LM-HIST-0011 Coverslipping in Histology & Cytology LS-HIST-0049 Operation of the Leica Multistainer ST5020 and Leica Coverslipper CV5030 LS-HIST-0009 Operation of the Leica Cryostat CM1950 LS-HIST-0044 AFOS Cut Up Room LS-HIST-0016 Operation of the Balances in Histology LS-HIST-0017 Operation of the Chemflow Fume Cabinet LS-HIST-0042 Operation of the Kaltek Dualvision Cassette Writer LS-HIST-0055 Operation of the Leica IPC Automated Cassette Printer
	Specimen Reception	Manual accepting, labelling and entering of specimens onto the LIS system.	N/A	N/A	LM-HIST-0001 Reception, Labeling & Charging
1051 Histopathology - .03 Histochemistry	Alcian Blue	Manual staining of special stain slides. Automated 'finishing special' and coverslipping using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking labelling and sorting of slides.	Nikon Microscope Leica Multistainer ST5020 and Leica Coverslipper CV5030 Chemflow Fume Cabinet Balances- Ohaus, Denver	Based on standard method	LM-HIST-0010, 0011, 0016, 0010, 0017, 0024, 0049
	Alcian Blue/PAS	Manual staining of special stain slides. Automated 'finishing special' and coverslipping using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking labelling and sorting of slides.	Nikon Microscope Leica Multistainer ST5020 and Leica Coverslipper CV5030 Chemflow Fume Cabinet Balances- Ohaus, Denver	Based on standard method	LM-HIST-0010, 0011, 0016, 0010, 0017, 0024, 0049

Chloroacetate esterase	Manual staining of special stain slides. Automated 'finishing special' and coverslipping using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking labelling and sorting of slides.	Nikon Microscope Leica Multistainer ST5020 and Leica Coverslipper CV5030 Chemflow Fume Cabinet Balances- Ohous, Denver	CE/Based on standard method	LM-HIST-0010, 0011, 0016, 0010, 0017, 0024, 0049
Congo Red (Amyloid)	Manual staining of special stain slides. Automated 'finishing special' and coverslipping using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking labelling and sorting of slides.	Nikon Microscope Leica Multistainer ST5020 and Leica Coverslipper CV5030 Chemflow Fume Cabinet Balances- Ohous, Denver	Based on standard method	LM-HIST-0010, 0011, 0016, 0010, 0017, 0024, 0049
Diastase - PAS	Manual staining of special stain slides. Automated 'finishing special' and coverslipping using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking labelling and sorting of slides.	Nikon Microscope Leica Multistainer ST5020 and Leica Coverslipper CV5030 Chemflow Fume Cabinet Balances- Ohous, Denver	Based on standard method	LM-HIST-0010, 0011, 0016, 0010, 0017, 0024, 0049
Gram	Manual staining of special stain slides. Automated 'finishing special' and coverslipping using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking labelling and sorting of slides.	Nikon Microscope Leica Multistainer ST5020 and Leica Coverslipper CV5030 Chemflow Fume Cabinet Balances- Ohous, Denver	Based on standard method	LM-HIST-0010, 0011, 0016, 0010, 0017, 0024, 0049
Millers Elastic	Manual staining of special stain slides. Automated 'finishing special' and coverslipping using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking labelling and sorting of slides.	Nikon Microscope Leica Multistainer ST5020 and Leica Coverslipper CV5030 Chemflow Fume Cabinet Balances- Ohous, Denver	Based on standard method	LM-HIST-0010, 0011, 0016, 0010, 0017, 0024, 0049
Modified Giemsa	Manual staining of special stain slides. Automated 'finishing special' and coverslipping using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking labelling and sorting of slides.	Nikon Microscope Leica Multistainer ST5020 and Leica Coverslipper CV5030 Chemflow Fume Cabinet Balances- Ohous, Denver	Based on standard method	LM-HIST-0010, 0011, 0016, 0010, 0017, 0024, 0049

	Periodic Acid Schiffs (PAS)		Manual staining of special stain slides. Automated 'finishing special' and coverslipping using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking labelling and sorting of slides.	Nikon Microscope Leica Multistainer ST5020 and Leica Coverslipper CV5030 Chemflow Fume Cabinet Balances- Ohaus, Denver	Based on standard method	LM-HIST-0010, 0011, 0016, 0010, 0017, 0024, 0049
	Perls Prussian Blue		Manual staining of special stain slides. Automated 'finishing special' and coverslipping using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking labelling and sorting of slides.	Nikon Microscope Leica Multistainer ST5020 and Leica Coverslipper CV5030 Chemflow Fume Cabinet Balances- Ohaus, Denver	Based on standard method	LM-HIST-0010 Stains & Solutions, LM-HIST-0011 Coverslipping in Histology & Cytology, LS-HIST-0016 Operation of the Balances in Histology, LS-HIST-0010 Operation of the Nikon Microscope, LS-HIST-0017 Operation of the Chemflow Fume Cabinet, LS-HIST-0024 Labeling, Sorting and Checking Slides and Recording Numbers, LS-HIST-0049 Operation of the Leica Multistainer ST5020 and Leica Coverslipper CV5030
	Reticulin (Gordon & Sweets)		Manual staining of special stain slides. Automated 'finishing special' and coverslipping using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking labelling and sorting of slides.	Nikon Microscope Leica Multistainer ST5020 and Leica Coverslipper CV5030 Chemflow Fume Cabinet Balances- Ohaus, Denver	Based on standard method	LM-HIST-0010, 0011, 0016, 0010, 0017, 0024, 0049
	Shikata Orcein		Manual staining of special stain slides. Automated 'finishing special' and coverslipping using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking labelling and sorting of slides.	Nikon Microscope Leica Multistainer ST5020 and Leica Coverslipper CV5030 Chemflow Fume Cabinet Balances- Ohaus, Denver	Based on standard method	LM-HIST-0010, 0011, 0016, 0010, 0017, 0024, 0049
	Special stains		Manual staining of special stain slides. Automated 'finishing special' and	Nikon Microscope Leica Multistainer ST5020 and Leica Coverslipper	CE/Non-CE/Based on standard method	LM-HIST-0009 Staining

			coverslipping using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking labelling and sorting of slides.	CV5030 Chemflow Fume Cabinet Balances- Ohous, Denver		
	Trichrome (Gomoris)		Manual staining of special stain slides. Automated 'finishing special' and coverslipping using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking labelling and sorting of slides.	Nikon Microscope Leica Multistainer ST5020 and Leica Coverslipper CV5030 Chemflow Fume Cabinet Balances- Ohous, Denver	Based on standard method	LM-HIST-0010, 0011, 0016, 0010, 0017, 0024, 0049
	Trichrome (Masson)		Manual staining of special stain slides. Automated 'finishing special' and coverslipping using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking labelling and sorting of slides.	Nikon Microscope Leica Multistainer ST5020 and Leica Coverslipper CV5030 Chemflow Fume Cabinet Balances- Ohous, Denver	Based on standard method	LM-HIST-0010, 0011, 0016, 0010, 0017, 0024, 0049
	Van Gieson		Manual staining of special stain slides. Automated 'finishing special' and coverslipping using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking labelling and sorting of slides.	Nikon Microscope Leica Multistainer ST5020 and Leica Coverslipper CV5030 Chemflow Fume Cabinet Balances- Ohous, Denver	Based on standard method	LM-HIST-0010, 0011, 0016, 0010, 0017, 0024, 0049
	Ziehl Neelsen (ZN)		Manual staining of special stain slides. Automated 'finishing special' and coverslipping using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking labelling and sorting of slides.	Nikon Microscope Leica Multistainer ST5020 and Leica Coverslipper CV5030 Chemflow Fume Cabinet Balances- Ohous, Denver	Based on standard method	LM-HIST-0010, 0011, 0016, 0010, 0017, 0024, 0049
1051 Histopathology - .09 Immunohistochemistry	Actin		Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030. Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010 Operation of the Nikon Microscope LS-HIST-0017 Operation of the Chemflow Fume Cabinet LS-HIST-0024 Labelling, Sorting and Checking Slides and Recording Numbers LS-HIST-0048 Operation of and

					Immunostaining using Leica Bond III LS-HIST-0049 Operation of the Leica Multistainer ST5020 and Leica Coverslipper CV5030
	Actin SM AE1AE3	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
	BCL2 BCL6 BEREPA	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
	Ca 125	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
	Calponin	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
	Calretinin	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049

CAM5.2(Cyto8/18)	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
CD 20 (L26)	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
CD10	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
CD117 (c-kit) CD138	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
CD15 (Leu M1)	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
CD23	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049

CD3 CD4	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
CD30 (Ki1)	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
CD34	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
CD45 (CLA)	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
CD5	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
CD68 (KP1)	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049

CD79a CD99	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
CD8	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
CDX2	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
CEA	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
Chromogranin Cyclin D1	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
Cyt 903(HMWCK)	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049

Cyto 5/6	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
Cyto 7 Cyto 20	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
Desmin D240	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
Dual staining for CYTO 903/Racemase E-Cadherin	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
EMA ER	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
GATA 3	Automated staining of immunoslides using Leica Bond III. Automated finishing & coverslipping of slides using Leica Multistainer ST5020 & Leica coverslipper CV5030	Nikon microscope, chemflow cabinet, Leica Bond III immunostainer, Leica multistainer ST05020, Leica coverslipper CV5030	CE/Based on standard method	LS-HIST-0010. 0017, 0024, 0048, 0049

HMB45 HLO	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
Immunohistochemistry staining methods	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Nikon Microscope Chemflow Fume Cabinet	CE/Based on standard method.	LM-HIST-0011 Coverslipping in Histology & Cytology
Kappa	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
Lambda	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
Melan A	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
MIB1 MLH1 MSH2 MSH6	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049

Napsin A	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
NSE P16	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
P53	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
P63 PAX-8 PMS2	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
PR	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
PSA	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049

Racemase	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
S-100	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
SMMS	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
Synaptophysin	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
TTF1	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049
Vimentin WT1	Automated staining of immuno slides using the Leica Bond III. Automated Finishing and coverslipping of slides using Leica Multistainer ST5020 and Leica Coverslipper CV5030. Manual checking an sorting of slides.	Leica Bond III Immunostainer Leica Multistainer ST5020 and Leica Coverslipper CV5030.Chemflow Fume Cabinet. Manual checking an sorting of slides. Nikon Microscope	CE/Based on standard method.	LS-HIST-0010, 0017, 0024, 0048, 0049

1052 Cytopathology - .02 Non gynaecological cytology	Non gynaecological cytology, including Smears Cytospin preps and Cell Blocks Automated Staining Papanicolaou Manual Staining MGG	Human tissue or fluid	Cytospin ThinPrep2000 Leica Multistainer ST5020 and Leica Coverslipper CV5030 Chemflow Fume Cabinet	CE	N/A	LM-CYT-002 Specimen Preparation and Fixation LM-CYT-004 Cytology Staining Methods LM-HIST-0011 Coverslipping in Histology & Cytology LS-HIST-0024 Labeling, Sorting and Checking Slides & Recording Numbers
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Medical pathology field - Test	Test/Assay	Specimen Type	Equipment/Technique	Method (CE/Non-CE/In house developed/based on standard method)	Range of measurement	Std. Ref & SOP
1040 Immunology - .01 Quantitative investigation of immunoglobulins G,A,M and D in body fluids	IgG, IgA, IgM	Serum	Immunoturbidimetric	SPAplus Special Protein Analyser	CE Marked	LM-IMM-0018 Individual Tests Performed on the Spa Plus Special Protein Analyser LS-IMM-0008 Operation of the Nikon 80i Microscope
1040 Immunology - .02 Qualitative investigation of immunoglobulins G,A,M and D in body fluids	Serum Electrophoresis Immunofixation	Serum & Urine	Agarose Gel	Hydrasys 2 Scan	CE Marked	LM-IMM-0008 Electrophoresis of Serum and Urines LM-IMM-0012 Immunofixation of Serum and Urine LS-IMM-0013 Operation of the Hydrasys 2
1040 Immunology - .12 Detection of autoantibodies in body fluids and biopsy material	Anti-Nuclear Antibodies	Serum	Indirect Immunofluorescence	Euroimmune Hep 20/10 Slides Nikon 80i Microscope	CE Marked	LM-IMM-0004 Antibody Screening LM-IMM-0010 Performing an Anti-Nuclear antibody/Hep 2 Test LS-IMM-0008 Operation of the Nikon 80i Microscope
	Anti-Nuclear Antibody Titre		Indirect Immunofluorescence	Euroimmune Hep 20/10 Slides Nikon 80i Microscope	CE Marked	LM-IMM-0004 Antibody Screening LM-IMM-0010 Performing an Anti-Nuclear antibody/Hep 2 Test LS-IMM-0008 Operation of the Nikon 80i Microscope
	Gastric Parietal Cell Antibodies		Indirect Immunofluorescence	Euroimmune IIFT Mosaic: Basic Profile 13 B Slides Nikon 80i Microscope	CE Marked	LM-IMM-0004 Antibody Screening LS-IMM-0008 Operation of the Nikon 80i Microscope

	LKM Antibodies		Indirect Immunofluorescence	Euroimmune IIFT Mosaic: Basic Profile 13 B Slides Nikon 80i Microscope	CE Marked	LM-IMM-0004 Antibody Screening LS-IMM-0008 Operation of the Nikon 80i Microscope
	Mitochondrial Antibodies		Indirect Immunofluorescence	Euroimmune IIFT Mosaic: Basic Profile 13 B Slides Nikon 80i Microscope	CE Marked	LM-IMM-0004 Antibody Screening LS-IMM-0008 Operation of the Nikon 80i Microscope
	Smooth Muscle Antibodies		Indirect Immunofluorescence	Euroimmune IIFT Mosaic: Basic Profile 13 B Slides Nikon 80i Microscope	CE Marked	LM-IMM-0004 Antibody Screening LS-IMM-0008 Operation of the Nikon 80i Microscope
1040 Immunology - .14 b2-microglobulin	Beta-2 Microglobulin		Immunoturbidimetric	SPAplus Special Protein Analyser	CE Marked	LM-IMM-0018 Individual Tests Performed on the Spa Plus Special Protein Analyser LS-IMM-0014 Operation of the SPAplus Special Protein Analyser
1040 Immunology - .99 Miscellaneous tests	Kappa Free Light Chains		Immunoturbidimetric	SPAplus Special Protein Analyser	CE Marked	LM-IMM-0018 Individual Tests Performed on the Spa Plus Special Protein Analyser LS-IMM-0014 Operation of the SPAplus Special Protein Analyser
	Lambda Free Light Chains		Immunoturbidimetric	SPAplus Special Protein Analyser	CE Marked	LM-IMM-0018 Individual Tests Performed on the Spa Plus Special Protein Analyser LS-IMM-0014 Operation of the SPAplus Special Protein Analyser

Medical pathology field - Test	Test/assay	Specimen Type	Equipment/Technique	Method (CE/Non-CE/In house developed/based on standard method)	Range of measurement	Std. ref & SOP
1011 Macroscopic examination and description	Examination of faecal, sputa samples	Faeces, sputum	Visual assessment	None	Based on standard method	LM-MICRO-0067 Investigation of Faeces Samples LM-MICRO-0066 Investigation of Sputum, Bronchial Washings and associated specimens
1012 Preparation of films on glass slides followed by microscopic examination with or without fixation and staining with dyes as required - .01 Microscopic examination for general bacteriology purposes (including enumeration and description of human cells)	Cell count for body fluids	Body fluids, CSF	Microscopy: cell count	Nikon microscope	Based on standard method	LM-MICRO-0019 Investigation of CSF
	Examination of urine samples	Urine	Microscopy: cell count	Nikon microscope	Based on standard method	LM-MICRO-0022 Investigation of Urine
	Gram stain	Body fluids, pus, CSF, HVS, Eye	Microscopy	Nikon microscope	Based on standard method	LM-MICRO-0031 Performing a Gram Stain
1012 Preparation of films on glass slides followed by microscopic examination with or without fixation and staining with dyes as required - .02 Microscopic examination for parasites	Anti-HAV IgM	Serum	Immunoassay	Roche Cobas 6000	CE marked	LM-IMM-0019
1012 Preparation of films on glass slides followed by microscopic examination with or without fixation and staining with dyes as required - .03 Microscopic examination for fungi	Wet preparations	Bronchial washing, nail, skin, hair	Microscopy	Nikon microscope	Based on standard method	LM-MICRO-0036 Investigation of Fungal Specimens

1013 Culture of organisms in liquid or agar based culture media with visual or instrument monitoring for growth - .01 Culture of general bacteria	Isolation of significant pathogens in clinical samples	Fluids, CSF, pus, tissue, bone, HVS, Endocervical swab, penile/ urethral swab, IUUD, Ear/ eye/ nose/ throat/ mouth swabs, wound swabs, tips, drains, urine, stool.	Culture	PolEko Incubator Euroclone CO2 Incubator Oxoid atmospheric generation system	Based on standard method	LM-MICRO-0034, 0023, 0019, 0022, 0063, 0064, 0065, 0067
		Sputum, Bronchial washing	Culture	PolEko Incubator Euroclone CO2 Incubator	Based on standard method	LM-MICRO-0066 Investigation of Sputum, Bronchial Washings and associated specimens
	Screening for MRSA, CRE, VRE	Nose, throat, groin, rectal swabs	Culture	PolEko Incubator	Based on standard method CE marked chromogenic media	LM-MICRO-0034 Investigation of Screening Specimens LM-MICRO-0023 Inoculation of Culture Media LM-MICRO-0019 Investigation of CSF LM-MICRO-0022 Investigation of Urine LM-MICRO-0063 Investigation of ENT Specimens LM-MICRO-0064 Investigation of Sterile Fluids LM-MICRO-0065 Investigation of Swabs, Tissue, IV Cannulae and associated specimens LM-MICRO-0067 Investigation of Faeces Samples
1013 Culture of organisms in liquid or agar based culture media with visual or instrument monitoring for growth - .02 Culture of fungi	Inoculation and incubation of plates	Bronchial washing, nail, skin, hair	Culture	PolEko Incubator Memmert Incubator	Based on standard method	LM-MICRO-0036 Investigation of Fungal Specimens
1014 Detection of bacterial, parasite, viral or fungal antigens using specific antibodies and appropriate techniques -	Anti HCV	Serum	Immunoassay	Roche Cobas 6000	CE marked	LM-IMM-0019

.03 Enzyme immunoassay,						
	Anti-HAV IgG		Immunoassay	Roche Cobas 6000	CE marked	LM-IMM-0019
	Anti-HBc		Immunoassay	Roche Cobas 6000	CE marked	LM-IMM-0019
	Anti-Hbs		Immunoassay	Roche Cobas 6000	CE Marked	LM-IMM-0019
	Anti-HCV		Immunoassay	Roche Cobas 6000	CE Marked	LM-IMM-0019
	Detection of Clostridium difficile in faeces	Stool	Detection of GDH Dectection of C.difficile toxin A and B	None	CE Marked	LM-MICRO-0067 Investigation of Faeces Samples
	HBsAg	Serum	Immunoassay	Roche Cobas 6000	CE marked	LM-IMM-0019
	Syphillus TP		Immunoassay	Roche Cobas 6000	CE Marked	LM-IMM-0019
1016 Identification of cultured bacteria and fungi using non-nucleic acid based techniques - .01 Biochemical methods , CE marked commercial systems	Anti-HAV IgG		Immunoassay	Abbott Architect i2000SR	CE Marked	LS-ENDO-0001 Operation of the Abbott Architect LM-IMM-0015 Individual Tests Performed on the Abbott Architect in Immunology
	Anti-HAV IgM		Immunoassay	Abbott Architect i2000SR	CE Marked	LS-ENDO-0001 Operation of the Abbott Architect LM-IMM-0015 Individual Tests Performed on the Abbott Architect in Immunology
	Anti-HBc		Immunoassay	Abbott Architect i2000SR	CE Marked	LS-ENDO-0001 Operation of the Abbott Architect LM-IMM-0015 Individual Tests Performed on the Abbott Architect in Immunology
	Anti-HBs		Immunoassay	Abbott Architect i2000SR	CE Marked	LS-ENDO-0001 Operation of the Abbott Architect LM-IMM-0015 Individual Tests Performed on the Abbott Architect in Immunology
	HBsAg		Immunoassay	Abbott Architect i2000SR	CE Marked	LS-ENDO-0001 Operation of the Abbott Architect LM-IMM-0015 Individual Tests Performed on the Abbott

					Architect in Immunology
HIV			Immunoassay	Abbott Architect i2000SR	CE Marked LS-ENDO-0001 Operation of the Abbott Architect LM-IMM-0015 Individual Tests Performed on the Abbott Architect in Immunology
			Immunoassay	Abbott Architect i2000SR	CE Marked LS-ENDO-0001 Operation of the Abbott Architect LM-IMM-0015 Individual Tests Performed on the Abbott Architect in Immunology
Syphilis TP			Immunoassay	Abbott Architect i2000SR	CE Marked LS-ENDO-0001 Operation of the Abbott Architect LM-IMM-0015 Individual Tests Performed on the Abbott Architect in Immunology
Use of commercial identification systems for bacteria Use of Vitek 2 Compact	Fluids, CSF, pus, tissue, bone, HVS, Endocervical swab, penile/ urethral swab, IUCD, Ear/ eye/ nose/ throat/ mouth swabs, wound swabs, tips, drains, urine, stool.	Culture and sensitivity, biochemical tests, commercial identification systems, automated sensitivity testing, manual sensitivity testing.	Vitek 2 Compact	CE Marked	LM-MICRO-0058 The Oxidase Test LM-MICRO-0054 Campylobacter Identification LM-MICRO-0059 The Catalase Test LM-MICRO-0046 API Identification System LM-MICRO-0048 Isolate Identification using the RapID System LM-MICRO-0061 Use of Vitek Identification and Antimicrobial Susceptibility Testing Cards LM-MICRO-0060 Use of Shigella Polyvalent Agglutinating Sera LM-MICRO-0045 Use of the Streptex Kit and the PYR Test LM-MICRO-

						0056 Staphylococcus aureus Identification using the Staphaurex Plus Kit LM-MICRO-0050 The Wellcolex Colour Salmonella Kit LM-MICRO-0052 The E.coli O157 Test
1017 Measurement of antimicrobial activity and application of clinical interpretive criteria to general bacteria (rapidly growing aerobes) - .01 Anaerobes	Determination of MIC		MIC Strip	PolEko Incubator Euroclone CO2 Incubator	CE Marked	LM-MICRO-0027 Susceptibility Testing
		MIC	MIC Strip	Oxoid Atmosphere Generation system	CE Marked	LM-MICRO-0027 Susceptibility Testing
	Disc diffusion sensitivity testing		EUCAST disc diffusion	PolEko Incubator Euroclone CO2 Incubator	Based on standard method	LM-MICRO-0027 Susceptibility Testing
	Use of the Vitek 2 Compact	Fluids, CSF, pus, tissue, bone, HVS, Endocervical swab, penile/ urethral swab, IUCD, Ear/ eye/ nose/ throat/ mouth swabs, wound swabs, tips, drains, urine, stool.	Automated sensitivity testing	Vitek 2 compact	CE Marked	LM-MICRO-0027 Susceptibility Testing
			Automated sensitivity testing	Vitek 2 compact	CE Marked	LM-MICRO-0027 Susceptibility Testing