

Schedule of Accreditation



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Trading As	
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Accreditation Standard	EN ISO 15189
Standard Version	2012
Date of award of accreditation	09/12/2008
Scope Classification	Microbiology and virology
Scope Classification	Blood Transfusion Science
Scope Classification	Haematology
Scope Classification	Histopathology and cytopathology
Scope Classification	Chemical pathology
Services available to the public ¹	

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	Department of Laboratory Medicine	Department of Laboratory Medicine-Quality Office, Parnell Square, Dublin, D1

Scope of Accreditation

Department of Laboratory Medicine

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	ABO and Rh D grouping of blood	Red Cells	Manual method.	Column Agglutination Technology (CAT) Microtitre Plate, Tube Technology	N/A	LM-BT-0002
1020 Transfusion science - .02 Blood grouping including ABO, Rh(D) and other antigens by automated methods	ABO and RhD grouping of blood		Ortho Vision	Column Agglutination Technology (CAT) CE Marked	N/A	LM-BT-0023, LP-BT-002 & LP-BT-0063
1020 Transfusion science - .03 Blood group antibody screen	Antibody Screening	Plasma / Serum	Automated Ortho Vision.	Column Agglutination Technology (CAT) , Tube Technology	N/A	LP-BT-0063
		Plasma and serum	Manual method	Column Agglutination Technology (CAT) CE Marked	N/A	LM-BT-0003 & LM-BT-0022

1020 Transfusion science - .04 Identification of blood group antibodies	Antibody Identification	Plasma / Serum	Manual / Biorad BioVue/Vision	Column Agglutination Technology (CAT)		LM-BT-0004 & 0022
1020 Transfusion science - .05 Cross match compatible donor units	Compatibility Testing		Manual / Biorad BioVue	Column Agglutination Technology (CAT)		LM-BT-0022
		Plasma and serum	Ortho Vision	Column Agglutination Technology (CAT) CE Marked	N/A	LP-BT-0063 & LM-BT-0010
1020 Transfusion science - .06 Red cell phenotyping	Red Cell Phenotyping	Red Cells	Manual BioVue and Tube	Column Agglutination Technology (CAT) , Tube Technology		LM-BT-0006
1020 Transfusion science - .09 Direct antiglobulin test	Direct Antibody Test		Ortho Vision Column Agglutination Technology (CAT) Microtitre Plate	Tube technology CE marked	N/A	LP-BT-0063 & LM-BT-0005
1020 Transfusion science - .99 Miscellaneous tests	Antibody Titre	Plasma / Serum	Manual bioVue and Vision	Column Agglutination Technology (CAT)		LM-BT-0013
	FMH Estimation	Red Cells	Beckman Coulter FC500	Flow Cytometry		LM-BT-0019
<i>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)</i>						

Chemical Pathology

Category: A

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	24 Hr Urinary Protein	24 hr Urine Collection	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	Albumin **1234	Lithium Heparin/Fluid	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	ALP **1234	Lithium Heparin	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	ALT **1234		Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	AMH **1234	Serum	Immunoassay	Roche Cobas Pure	CE Method	LP-BIO-0034
	AMH*4		Immunoassay	Cobas 6000	CE Method	LP-BIO-0022
	Amylase **1234	Lithium Heparin	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	Anti-TPO **1234	Serum	Immunoassay	Roche Cobas Pure	CE Method	LP-BIO-0034
	AST **1234	Lithium Heparin	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	B12 **1234	Serum	Immunoassay	Roche Cobas Pure	CE Method	LP-BIO-0034
	Bile Acids **1234	Lithium Heparin	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	CA-125 **1234	Serum	Immunoassay	Roche Cobas Pure	CE Method	LP-BIO-0034
	Calcium **1234	Lithium Heparin	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	Chloride **24	Plasma / Urine	Indirect ISE	Roche Cobas Pure	CE Method	LP-BIO-0034
	CK **1234	Lithium Heparin	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
Creatinine **1234	Lithium Heparin or urine	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034	

Creatinine Clearance Calculation	24hr Urine Collection	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
CRP **1234	Lithium Heparin	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
Direct Bilirubin **1234		Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
FAI**1,2,3,4	Serum	Electrochemiluminescence Immunoassay	Roche Cobas Pure	CE Method	LP-BIO-0034
Ferritin **1234	Serum or Plasma	Immunoassay	Roche Cobas Pure	CE Method	LP-BIO-0034
Folate **1234	Serum	Immunoassay	Roche Cobas Pure	CE Method	LP-BIO-0034
Fructosamine/Corrected Fructosamine**1234	Lithium Heparin or serum	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
FSH **1234	Serum	Immunoassay	Roche Cobas Pure	CE Method	LP-BIO-0034
FT4 **1234	Serum or Plasma	Immunoassay	Roche Cobas Pure	CE Method	LP-BIO-0034
Gentamicin **1234	Lithium Heparin	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
GGT **1234		Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
Glucose **1234	Sodium Flouride/CSF/Fluid	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	Whole Blood	Enzymatic	Roche AccuChek Inform II	CE Method	LP-POC-0027
HCG-B **1234	Serum/Lithium Heparin	Immunoassay	Roche Cobas Pure	CE Method	LP-BIO-0034
Lactate **1234	Sodium Fluoride/CSF	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
LDH **1234	Lithium Heparin/Fluid	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
LH **1234	Serum	Immunoassay	Roche Cobas Pure	CE Method	LP-BIO-0034
Magnesium **1234	Lithium Heparin	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
Oestradiol **1234	Serum	Immunoassay	Roche Cobas Pure	CE Method	LP-BIO-0034
Phosphate **1234	Lithium Heparin	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
Potassium **1234	Plasma / Urine	Indirect ISE	Roche Cobas Pure	CE Method	LP-BIO-0034
Progesterone **1234	Serum	Immunoassay	Roche Cobas Pure	CE Method	LP-BIO-0034
Prolactin **1234		Immunoassay	Roche Cobas Pure	CE Method	LP-BIO-0034

	Protein Creatinine Ratio **1,2,3,4	Urine	Calculation	Roche Cobas Pure / LIMS	CE METHOD	LP-BIO-0020
	SHBG **1234	Serum	Immunoassay	Roche Cobas Pure	CE Method	LP-BIO-0034
	Sodium **1234	Plasma / Urine	Indirect ISE	Roche Cobas Pure	CE Method	LP-BIO-0034
	Testosterone **1234	Serum	Immunoassay	Roche Cobas Pure	CE Method	LP-BIO-0034
	Total Bilirubin **1234	Lithium Heparin	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	Total Protein **1234	Lithium Heparin / Urine / CSF/Fluid	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	Triglycerides **1234	Lithium Heparin	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	TSH **1234	Serum or Plasma	Electrochemiluminescence Immunoassay	Roche Cobas Pure	CE Method	LP-BIO-0034
	Urate **1234	Lithium Heparin	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	Urea **1234		Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
1061 Clinical Chemistry - .05 CO-oximetry	Bilirubin **2,4	Whole Blood - heparinised	Spectrophotometry	Radiometer ABL90 Flex 0-690umol/L	CE	LP-POC-0035
	CA15.3	Serum	Electrochemiluminescence Immunoassay	Roche Cobas Pure (1.5-300U/mL)	CE Method	LP-BIO-0034
	Hb **2,4	Whole Blood - heparinised	Spectrophotometry	Radiometer ABL90 Flex 0-270g/L	CE	LP-POC-0035
	MethHb**2,4,		Spectrophotometry	Radiometer ABL90 Flex 0-100%	CE	LP-POC-0035
1061 Clinical Chemistry - .06 Blood pH and gas tensions	Anion gap **2,4	Whole Blood-heparinised	Calculated	Radiometer ABL90 Flex	CE	LP-POC-0035
	Base Excess **2,4	Whole Blood - heparinised	Calculated	Radiometer ABL90 Flex	CE	LP-POC-0035
	HCO3- **2,4	Whole Blood - heparinised	Calculated	Radiometer ABL90 Flex	CE	LP-POC-0035
	pCO2 **2,4		Potentiometry	Radiometer ABL90 Flex 1.6-14.7kPa	CE	LP-POC-0035
	pH **2,4		Potentiometry	Radiometer ABL90 Flex 6.750-7.850	CE	LP-POC-0035
	pO2 **2,4		Optical pO2	Radiometer ABL90 Flex 1.33-73.3kPa	CE	LP-POC-0035

1061 Clinical Chemistry - .07 Other analytes performed on a blood gas analyser	Ca++ **2,4		Potentiometry (Direct ISE)	Radiometer ABL90 Flex 0.10- 2.70mmol/L	CE	LP-POC-0035
	Cl- **2,4		Potentiometry (Direct ISE)	Radiometer ABL90 Flex 70-160mmol/L	CE	LP-POC-0035
	Glucose **2,4		Amperometry	Radiometer ABL90 Flex 0-47 mmol/L	CE	LP-POC-0035
	K+ **2,4		Potentiometry (Direct ISE)	Radiometer ABL90 Flex 1.5-10.5mol/L	CE	LP-POC-0035
	Lactate **2,4		Amperometry	Radiometer ABL90 Flex 0-31	CE	LP-POC-0035
	Na+ **2,4		Potentiometry (Direct ISE)	Radiometer ABL90 Flex 94-190mmol/L	CE	LP-POC-0035
1061 Clinical Chemistry - .20 Hormones	Procalcitonin	Serum & Heparinised Plasma	Electrochemiluminescence Immunoassay	Roche Cobas Pure (0.02-100ng/mL)	CE Method	LP-BIO-0034
1061 Clinical Chemistry - .35 Assays of neonatal specimens	Albumin **1234	Lithium Heparin	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	ALP **1234		Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	ALT **1234		Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	Amylase **1234		Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	AST **1234		Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	Bile Acids **1234		Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	Calcium **1234		Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	Chloride **24	Plasma / Urine	Indirect ISE	Roche Cobas Pure	CE Method	LP-BIO-0034
	CK **1234	Lithium Heparin	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	Creatinine **1234	Lithium Heparin or urine	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	CRP **1234	Lithium Heparin	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	Direct Bilirubin **1234		Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	Ferritin **1,2,3,4	Serum/Lithium Heparin	Electrochemiluminescence Immunoassay	Roche Cobas Pure	CE METHOD	LP-BIO-0034

	FT3	Serum & Heparinised Plasma	Electrochemiluminescence Immunoassay	Roche Cobas Pure (0.6-50pmol/L)	CE Method	LP-BIO-0034
	FT4**1234		Electrochemiluminescence Immunoassay	Roche Cobas Pure	CE Method	LP-BIO-0034
	Gentamicin **1234	Lithium Heparin	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	GGT **1234		Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	Glucose **1,2,3,4	Sodium Fluoride/CSF/Fluid	Electrochemiluminescence	Cobas 6000	CE METHOD	LP-BIO-0020
	Glucose **1234		Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
		Whole Blood	Enzymatic	Roche AccuChek Inform II	CE Method	LP-POC-0027
	Interleukin 6	Serum & Heparinised Plasma	Electrochemiluminescence Immunoassay	Roche Cobas Pure (1.5-50ng/mL)	CE Method	LP-BIO-0034
	Lactate **1234	Sodium Fluoride/CSF	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	LDH **1234	Lithium Heparin/Fluid	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	Magnesium **1234	Lithium Heparin	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	Phosphate **1234		Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	Potassium **1234	Plasma / Urine	Indirect ISE	Roche Cobas Pure	CE Method	LP-BIO-0034
	Sodium **1234		Indirect ISE	Roche Cobas Pure	CE Method	LP-BIO-0034
	Total Bilirubin **1234	Lithium Heparin	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	Total Protein **1234	Lithium Heparin / Urine / CSF/Fluid	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	Triglycerides **1234	Lithium Heparin	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	Urate **1234		Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	Urea **1234		Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	Vancomycin**1234	Heparinised Plasma	Electrochemiluminescence	Roche Cobas Pure	CE Method	LP-BIO-0034
	Vitamin D**1234	Serum	Electrochemiluminescence Immunoassay	Roche Cobas Pure	CE Method	LP-BIO-0034
1061 Clinical Chemistry - .50 Protein and peptide tumour markers	CA19.9		Electrochemiluminescence Immunoassay	Roche Cobas Pure (2-1000U/mL)	CE Method	LP-BIO-0034

	CEA		Electrochemiluminescence Immunoassay	Roche Cobas Pure (0.3-100ng/mL)	CE Method	LP-BIO-0034
	HE4 / ROMA Index Calculation		Electrochemiluminescence Immunoassay	Roche Cobas Pure (5-1500 pmol/L)	CE Method	LP-BIO-0034
1061 Clinical Chemistry - .61 Hb A1c	Haemoglobin A1C **1,2,3,4	Whole Blood EDTA	HPLC	HA-8180	CE METHOD	LP-BIO-0019

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 - .05 CO-oximetry	tHb **2,4	Whole Blood	Potentiometric	Cobas b123	CE METHOD	LP-POC-0010
1061 Clinical Chemistry - .06 Blood pH and gas tensions	Bicarbonate **2,4		Potentiometric/spectrometric/calculated	Cobas b221/b123	CE METHOD	LP-POC-0010
	MetHb **2,4		Potentiometric	Cobas b123	CE METHOD	LP-POC-0010
	PCO2 **2,4		Potentiometric	Cobas b123	CE METHOD	LP-POC-0010
	PH **2,4		Potentiometric	Cobas b123	CE METHOD	LP-POC-0010
	PO2 **2,4		Potentiometric	Cobas b123	CE METHOD	LP-POC-0010
1061 Clinical Chemistry - .07 Other analytes performed on a blood gas analyser	Bilirubin **2,4		Potentiometric	Cobas b123	CE METHOD	LP-POC-0010
	Calcium **2,4		Potentiometric	Cobas b123	CE METHOD	LP-POC-0010
	CL **2,4		Potentiometric	Cobas b123	CE METHOD	LP-POC-0010
	Glucose **2,4		Enzymatic/ amperometric	Cobas b123	CE METHOD	LP-POC-0010
	Haematocrit **2,4		Potentiometric	Cobas b123	CE METHOD	LP-POC-0010
	K **2,4		Potentiometric	Cobas b123	CE METHOD	LP-POC-0010
	Lactate **2,4		Potentiometric	Cobas b123	CE METHOD	LP-POC-0010
	Na **2,4		Potentiometric	Cobas b123	CE METHOD	LP-POC-0010
1061 Clinical Chemistry - .76 Simple side tests for	Glucose**1234	Roche AccuChek Inform II Poc Testing	Roche AccuChek Inform II	CE Enzymatic	LP-POC-0027 Operation of the Roche AccuChek	

Haematology

Category: A

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 Count including reticulocytes, white cell differential (automated) includes neutrophils, lymphocytes, eosinophils, monocytes and basophils.	Whole Blood, EDTA, Na Citrate, Thromboexact blood	Impedance counting, fluorescence analysis by flow cytometry and SLS haemoglobin measurement on automated cell counter.	Sysmex XN 2000	CE based on Standard method	LM-HAEM-0035
1030 Haematology - .02 Visual examination of blood films	Blood Film and white cell differential (manual) includes neutrophils, lymphocytes, monocytes, eosinophils, basophils and red cell morphology. **2,4	EDTA Blood	Microscopic examination with or without fixation and staining with dyes for enumeration and description of human cells	Aerospray stainer / microscopy	CE Marked	LM-HAEM-0007, 0008, LP-HAEM-0003, 0004, WI-HAEM-0003, LP-HAEM-0011 & 0006
1030 Haematology - .08 Blood film examinations involving special staining procedures	Manual reticulocyte estimation**2,4	EDTA Blood	Microscopic examination with or without fixation and staining with dyes for enumeration and description of human cells	Manual Microscopy	CE Marked	LM-HAEM-0019
1030 Haematology - .09 Examination of malarial parasites	Malaria Parasites Examination**1,2,4	Blood Film	Microscopic examination with or without fixation and staining with dyes for enumeration and	Manual Microscopy	CE Marked	LM-HAEM-0009, 0010 & LP-HAEM-0006

			description of parasites			
	Rapid Diagnosis of Malaria *1,2,4	EDTA Blood	Immuno - chromatographic using monoclonal antibodies	Manual technique	Immunochromogenic using monoclonal antibodies	LM-HAEM-0010
1030 Haematology - .30 Tests for haemoglobin variants and thalassaemia	Adult and Paediatric Haemoglobinopathy screening**1,2,4	EDTA Blood / Clotted Blood	Capillary Electrophoresis	Sebia	CE Marked	LM-HAEM-0033 and -0034, LP-HAEM-0028
1030 Haematology - .31 Tests for foetal Hb (Kleihauer)	Kleihauer (tests for foetal Hb)**1,2,4	EDTA Blood	Microscopic examination with or without fixation and staining with dyes for enumeration and description of human cells	Manual Microscopy	CE Marked	LM-HAEM-0021 & LP-HAEM-0004

Haematology

Category: B

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	Haemaglobin estimation**1,2,4	Whole Blood	Photometric	Hemocue 210DM	Photometric CE Marked	LP-POC-0009
1030 Haematology - .40 Limited haemostasis related tests	Lupus Anticoagulant	Sodium Citrate	Coagulometric/Chromogenic	dRVVTScreen: 16.0-240.0 seconds dRRVT confirm: 6.0-121.0 seconds	CE MARKED	LP-HAEM-0023, LM-HAEM-0031
1030 Haematology - .41 General haemostasis related tests	APTT/APTT50 **1,2,3,4		Coagulometric/Chromogenic	16.0-400 seconds / ACL TOP 550	CE MARKED	LP-HAEM-0023
	Clauss Fibrinogen **1,2,3,4		Coagulometric/Chromogenic	Fib-C 0.8-5.0 g/l, Fib-C L: 0.35-1.20 g/L, Fib-C H: 4.0-10.0 g/L / ACL TOP 550	CE MARKED	LP-HAEM-0023
	PT/PT50 **1,2,3,4		Coagulometric/Chromogenic	8.0-320.0 seconds/ACL TOP 550	CE MARKED	LP-HAEM-0023

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
1051 Histopathology - .01 Processing fixed specimens for Histopathological testing	Automated Haematoxylin & Eosin **4	Human tissue	DAKEWE DP360 Stainer & DAKEWE CS500 Coverslipper	CE Marked instrument	N/A	LM-HIST-0008 & LP-HIST-0079
	Automated Haematoxylin & Eosin and Coverslipping **4		DAKEWE DP360 Stainer & DAKEWE CS500 Coverslipper	CE Marked instrument	N/A	LM-HIST-0008 & LP-HIST-0079
	Coverslipping **4		Thermoscientific coverslipper, sorblin	CE Marked instrument	N/A	LP-HIST-0079
	Cut-Up **4		Thermoscientific Printmate, digital recording system, Kern balance	CE Marked instrument	N/A	LP-HIST-0009, 0056,0069,0072
	Embedding**4		Leica Arcadia, embedding centre, heated forceps	CE MARKED	N/A	LP-HIST-0072 & LP-HIST-0079
	Microtomy **4		microtomes, waterbaths, incubators	CE Marked instrument	N/A	LP-HIST-0071 & 0072
	Processing**1,2,4	Tissue/ Agar Block	Sakura Tissue Tek VIP6 (E2) & Sakura Tissue Tek VIP6 (AI)	CE Marked instrument	N/A	LP-HIST-0081
	Tissue Processing 1,2,4	Human tissue/ Cell Block	Sakura Tissue Tek VIP6 (E2) & Sakura Tissue Tek VIP 6 (AI)	CE Marked instrument	N/A	LP-HIST-0046 & 0081
	Tissue Processing*4	Human Tissue	Sakura Tissue Tek VIP6 (E2) & Sakura Tissue Tek VIP6 (AI)	CE Marked Instrument	N/A	LP-HIST-0081

1051 Histopathology - .02 Processing fresh specimens for frozen section examination	Frozen Sections **4		DAKEWE 6250 Cryostat	CE Marked instrument	N/A	LP-HIST-0078
1051 Histopathology - .03 Histochemistry	Special Stains: Pas x 3, Alcian Blue, Cold ZN, Perl's Prussian Blue, PTAH, Masson Trichrome, Modified Gleys, Verhoeff's Elastic, Miller's Elastic, Verhoeff's Van Gieson, Oil Red O, Celestin Blue Haem Alum, Haematoxylin & Eosin, Rapid H&E, Papanicolaou, Grams Twort,		DAKEWE DP360 Stainer and DP360 CS500 Coverslipper	CE Marked	N/A	LM-HIST-0008 & LP-HIST-0079
1051 Histopathology - .06 Histological interpretation-perinatal pathology	Diagnostic interpretation and reporting of human tissue specimens - specialist areas included: perinatal pathology (confined to histological examination of placental tissue and gravid uteri). Specialist areas excluded: medical renal pathology, paediatric pathology, neuropathology & breast screening pathology)		Microscope	CE Marked	N/A	LP-HIST-0032, LP-HIST-0073, LM-HIST-0004
1051 Histopathology - .09 Immunohistochemistry	CD3 CD10 CD20 CD31 CD45 CD68 CD138		Ventana Benchmark Ultra, Microscope	CE Marked	N/A	LP-HIST-0080

	CEA Calretinin CK7 CK20 CMV Desmin EMA GFAP hCG hPL Inhibin-alpha Ki-67 Ki-67 (Red) PanCK (AE1/3) p16 p53 p57 p63 S100 S100 (Red) SMA Monoclonal CEA Vimentin Dual Stain (p16/Ki-67)					
	Dual Stain P16/ki67**1,2,4	FFPE Human Tissue	Ventana Benchmark & microscope	CE marked	N/A	LP-HIST-0080
	P63**1,2,4		Ventana Benchmark & microscope	CE marked	N/A	LP-HIST-0080
	SMA *2	FFPE Tissue	Ventana Benchmark ULTRA	CE Marked Instrument	N/A	LP-HIST-0080
1052 Cytopathology - .02 Non gynaecological cytology	Automated H&E and manual PAP	Human tissue	DAKEWE DP360 stainer + DAKEWE CS500 coverslipper, ThinPrep 2000 Processor	CE Marked instrument	N/A	LP-HIST-0046 LP-HIST-0079 LM-HIST-0008
	H&E and PAP	Non-gynaecological fluids Agar Cell Blocks	Thin prep 2000, Sakura Tissue-Tek VIP 6 (E2) & VIP 6 (AI)	CE Marked instrument	N/A	LP-HIST-0046 LP-HIST-0079 LP-HIST-0081 LM-HIST-0008

Microbiology and Virology

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
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)	Microscopic examination of General Bacteriology **1,2,3,4	All swabs, bronchial lavage / brushings, endotracheal tubes, other body fluids, pus, pleural fluids, sputum, tissue, urine, blood, CSF, middle ear, effusion, cannula, associated exudates, NICU surveillance, adverse transfusion environmental specimens, semen for culture.	Light microscope	Microscopic examination with or without fixation and staining with dyes for enumeration and description of human cells.	N/A	LM-MICRO-0001, 0003, 0004, 0005, 0006, 0007, 0008, 0010, 0011, 0012, 0014, 0016, 0019, 0022, 0023, 0033, 0034, 0035, 0050, 0054, 0055, 0061, 0063 & 0064.
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	Microscopic examination of Fungi **1,2,3,4		Light microscope	Microscopic examination with or without fixation and staining with dyes for enumeration and description of human cells.	N/A	LM-MICRO-0001, 0003, 0004, 0005, 0006, 0007, 0008, 0010, 0011, 0012, 0014, 0016, 0019, 0022, 0023, 0033, 0034, 0035, 0050, 0054, 0055, 0061, 0063 & 0064.

1013 Culture of organisms in liquid or agar based culture media with visual or instrument monitoring for growth - .01 Culture of general bacteria	Adult & Paediatric Blood Cultures*2	Blood Culture	BacTAlert	CE Marked	Growth or No Growth	LM-MICRO-0023
	Culture of General Bacteria **1,2,3,4	All swabs, bronchial lavage / brushings, endotracheal tubes, other body fluids, pus, pleural fluids, sputum, tissue, urine, blood, CSF, middle ear, effusion, cannular, associated exudates, NICU surveillance, adverse transfusion environmental specimens, semen for culture.	BacTAlert 3D System / Microscope	BacTAlert / Manual	N/A	LM-MICRO-0001, 0003, 0004, 0005, 0006, 0007, 0008, 0010, 0011, 0012, 0014, 0016, 0019, 0022, 0023, 0033, 0034, 0035, 0050, 0054, 0055, 0061, 0063 & 0064.
	Samples for Culture and Susceptibility*4	Swabs, tissue, urine, tips, sputa, blood culture, CSF, Fluids from Sterile sites, breast milk, semen, environmental samples	Culture of Organisms	CE Marked	Growth or No Growth	LM-MICRO-0015
1013 Culture of organisms in liquid or agar based culture media with visual or instrument monitoring for growth - .02 Culture of fungi	Adult & Paediatric Blood Cultures*2	Blood Culture	BacTAlert	CE Marked	Growth or No Growth	LM-MICRO-0023
	Culture of Fungi **1,2,3,4	All swabs, bronchial lavage / brushings, endotracheal tubes, other body fluids, pus, pleural fluids, sputum, tissue, urine, blood, CSF, middle ear, effusion, cannular, associated exudates, NICU surveillance, adverse transfusion environmental specimens, semen for culture.	BacTAlert 3D System / Microscope	BacTAlert / Manual	N/A	LM-MICRO-0001, 0003, 0004, 0005, 0006, 0007, 0008, 0010, 0011, 0012, 0014, 0016,

						0019, 0022, 0023, 0033, 0034, 0035, 0050, 0054, 0055, 0061, 0063 & 0064.
	Samples for Culture and Susceptibility*4	Swabs, tissue, urine, tips, sputa, blood culture, CSF, Fluids from Sterile sites, breast milk, semen, environmental samples	Culture of Organisms	CE Marked	Growth or No Growth	LM-MICRO-0015
1014 Detection of bacterial, parasite, viral or fungal antigens using specific antibodies and appropriate techniques - .01 Slide agglutination,	Identification of Organisms **1,2,4	All swabs ,bronchiallavage/brushings,endotracheal tubes,other body fluids,pus,pleural fluids,sputum,tissue,urine,blood,CSF,middle ear effusion,cannual,associated exudates,NICU surveillance,adverse transfuison enviromental specimens,semen for culture	Strep grouping kit,staphaurexplus, Oxidase test, Catalase test, Nitrocefin kits	CE Marked Commercial Kits	N/A	LM-MIRO-0026,LM-MICRO-0062,LM-MICRO-0029,LM-MICRO0030,LM-MICRO-0057,LM-MICRO-0024.
1014 Detection of bacterial, parasite, viral or fungal antigens using specific antibodies and appropriate techniques - .02 Particle agglutination			Strep grouping kit,staphaurexplus, Oxidase test, Catalase test, Nitrocefin kits	CE Marked Commercial Kits	N/A	LM-MIRO-0026,LM-MICRO-0062,LM-MICRO-0029,LM-MICRO0030,LM-MICRO-0057,LM-MICRO-0024.
1014 Detection of bacterial, parasite, viral or fungal antigens using specific antibodies and appropriate techniques - .03 Enzyme immunoassay,	C. diff Quik Chek Complete	Stool	Manual	CE Marked Immunoassy Kit	Detected or Not Detected	LM-MICRO-0089
1015 Detection and/or identification of bacterial, parasite,	C. diff toxin, Influenza A,B and RSV,	LVS/Rectal Swabs, Stools, blood culture, nasal swabs / aspirate / washings	GeneXpert	PCR	N/A	LM-MICRO-0032, 0071 & 0075.

fungus and viral nucleic acids - .01 Nucleic acid probe hybridization, CE marked commercial systems	Group B Streptococcal**1,2,4					
1015 Detection and/or identification of bacterial, parasite, fungus and viral nucleic acids - .03 Nucleic acid amplification tests, CE marked commercial systems	BV plus PCR Assay**1,2,3,4	Genital Swabs	Hamilton Seegen/ Biorad CFX96	CE marked	Normal/Positive/ Intermediate	LM-MICRO-00022,0023
	4-Plex (Flu A, Flu B, RSV and SARS-CoV-2)	Deep Nasal Swab	GeneXpert	CE	Detected or Not Detected	LM-MICRO-0072 and LM-MICRO-0086
	Detection of CT/NG PCR using GeneXpert **1,2,3,4	Urine, genital swabs and eye swabs	GeneXpert	PCR CE Marked	Detected or Not Detected	LM-MICRO-0080
	Detection of CT/NG/TV/MG PCR using the Seegene **1,2,3,4	First void urines and Genital Swabs	Seegene Hamilton Nimbus and Biorad CFX97	PCR CE Marked	Qualitative and Quantitative	LM-SERO-0023
	Detection of GBS on the GeneXpert **1,2,3,4	LVS and Rectal Swabs	GeneXpert	PCR CE Marked	Detected or Not Detected	LM-MICRO-0075
	Detection of Influenza A, B and RSV PCR using Xpress Flu on GeneXpert **1,2,3,4	Nasal Swabs and NPA	GeneXpert	PCR CE Marked	Detected or Not Detected	LM-MICRO-0072
	Molecular Detection of HSV1/2	Skin, Genital or Eye	Luminex	CE	Detected or Not Detected	LM-MICRO-0091

	Molecular detection of SARS-CoV-2	Deep Nasal Swab	GeneXpert	CE	Detected or Not Detected	LM-MICRO-0086
			Luminex	CE	Detected or Not Detected	LM-MICRO-0088
			Seegene	CE	Detected or Not Detected	LM-SERO-0025
	Molecular detection of SARS-CoV-2	NPA	FilmArray	CE	Detected or Not Detected	LM-MICRO-0085
	Processing Positive Blood Cultures on the BioFire FilmArray **1,2,3,4	Blood Culture	BioFire FilmArray	PCR CE Marked	Detected or Not Detected	LM-MICRO-0081
	Testing for Norovirus GI and GII by PCR	Faeces	Cepheid genexpert	CE Marked	Detected / Not Detected	LM-MICRO-0084
	Testing for Trichomonas vaginalis by PCR**1,2,3,4	Genital swabs, eye swabs and urine	Cepheid genexpert	CE KIT	Detected / Not Detected	LM-MICRO-0082
	Testing of CPE isolates **1,2,3,4	Bacterial isolates	Cepheid genexpert	Ce Marked	Detected / Not Detected	LM-MICRO-0083
	Testing of respiratory samples using RP2 plus panel**1,2,3,4	NPA	Bio Fire Film Array	CE Marked	Detected / Not Detected	LM-MICRO-0083
1016 Identification of cultured bacteria and fungi using non-nucleic acid based techniques - .04 Identification using MALDI-TOF Spectroscopy	Identification of Organisms **1,2,4	All swabs, bronchial lavage / brushings, endotracheal tubes, other body fluids, pus, pleural fluids, sputum, tissue, urine, blood, CSF, middle ear, effusion, cannula, associated exudates, NICU surveillance, adverse transfusion environmental specimens, semen for culture.	Vitek MaldiTof MS	Spectroscopy	N/A	LM-MICRO-0076 & 0033
	Vitek 2 Compact		Biochemical testing		LM-MICRO-0058,0059,0060 & 0065. LP-MICRO-0027	
1017 Measurement of antimicrobial activity and application of clinical interpretive criteria to general bacteria (rapidly	Aerobes / Anaerobes **1,2,4		Vitek 2 Compact	Biochemical Testing	N/A	LM-MICRO-0018, 0058 & 0059

growing aerobes) - .01 Anaerobes						
			Vitek 2 Compact and Manual	MIC / Disk Diffusion	N/A	LM-MICRO-0018, 0058 & 0059
1018 Detection of antibody response to infection using appropriate CE marked commercial techniques - .02 Enzyme immunoassay, using CE marked commercial systems	Vz IgG	Serum	Vidas Automated	CE Marked	Immune or Non Immune	LM-SERO-0003
1018 Detection of antibody response to infection using appropriate CE marked commercial techniques - .04 Line immunoassay, using CE marked commercial systems	Hepatitis B Core Antibodies Anti-HBc **1,2,3,4		Abbott Architect	Immunoassay	N/A	LM-SERO-0012
	Hepatitis B Surface Antigen (HBsAg) **1,2,3,4		Mini Vidas	Immunoassay	N/A	LM-SERO-0006
	Hepatitis C Antibodies Anti-HCV **1,2,3,4		Abbott Architect	Immunoassay	N/A	LM-SERO-0009
	HIV Combo Ab/Ag **1,2,3,4		Abbott Architect	Immunoassay	N/A	LM-SERO-0010
	Rubella IgG **1,2,3,4		Abbott Architect	Immunoassay	N/A	LM-SERO-0025
			Abbott Architect	Immunoassay	N/A	LM-SERO-0014
			Mini Vidas	Immunoassay	N/A	LM-SERO-0019

	Syphilis TP (Treponema pallidum) **1,2,3,4		Abbott Architect	Immunoassay	N/A	LM-SERO-0013
1018 Detection of antibody response to infection using appropriate CE marked commercial techniques - .07 Chemiluminescent microparticle immunoassay, using CE marked commercial systems	SARS-CoV-2 IgG	Blood/Serum	Abbott Architect	CE	Detected or Not Detected	LM-SERO-0026
1029 Miscellaneous - .01 Semen analysis (Screening Test)	Semen Analysis **1,4	Semen	Sperminator Equipment & Manual	Count, volume, motility. CE Marked	N/A	LM-MICRO-0074
1029 Miscellaneous - .99 Miscellaneous tests	Pregnancy Testing **4	Urine	Alere Diagnostic Stick Chromatography immunoassay	CE Marked	N/A	LM-MICRO-0025

The hospital pathology laboratory is accredited for the provision of Point of Care testing in accordance with ISO 15189:2012 and ISO 22870:2017, for the tests identified in category B.

The laboratory has been awarded flexible scope in the scope classifications as noted in the scope document and in accordance with the laboratories approved and documented procedures.

Note 1 - Range may be extended for the test

Note 2 – New parameters / tests may be added

Note 3 – New matrices may be added

Note 4 – Changes to equipment / kits where the underlying methodology does not change

For further details please refer to the laboratories 'Master list of Flexible scope changes', available directly from the laboratory.