

# Schedule of Accreditation



Organisation Name	Beacon Hospital
Trading As	Beacon Hospital Sandyford Ltd.
INAB Reg No	242MT
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Website	<a href="http://www.beaconhospital.ie">http://www.beaconhospital.ie</a>
Accreditation Standard	EN ISO 15189
Standard Version	2022
Date of award of accreditation	15/09/2009
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 <sup>1</sup>	

<sup>1</sup> Refer to document on interpreting INAB Scopes of Accreditation

<b>Sites from which accredited services are delivered</b>		
(the detail of the accredited services delivered at each site are on the Scope of Accreditation)		
	<b>Name</b>	<b>Address</b>
1	Head Office	Beacon Court, Sandyford, Dublin, D18

# 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)	Red blood cells	Grifols DG Gel Card Technology	Manual and Automated standard method	N/A	LP-BB-005 Manual Tube Method LP-BB-102 Manual Card Method LP-BB-108 Automated Method
1020 Transfusion science - .03 Blood group antibody screen	Antibody Screening	Plasma	Manual and Automated systems	Manual and Automated standard methods	N/A	LP-BB-103 Manual Card Method LP-BB-108 Automated Method
1020 Transfusion science - .04 Identification of blood group antibodies	Antibody Identification		Manual and Automated systems	Manual and Automated standard methods	N/A	LP-BB-104 Manual Card Method LP-BB-108 Automated Method

1020 Transfusion science - .05 Cross match compatible donor units	Compatibility Testing	Red cells and Plasma	Manual and Automated systems	Manual and Automated standard methods	N/A	LP-BB-005 Manual Crossmatching Tubes LP-BB-102 Crossmatching Cards LP-BB-108 Automated Crossmatching
1020 Transfusion science - .06 Red cell phenotyping	Antigen Typing	Red blood cells	Manual Tubes and Card systems	Manual standard methods	N/A	LP-BB-009 Manual Tubes Method LP-BB-108 Automated Method
1020 Transfusion science - .09 Direct antiglobulin test	Direct Coombs Testing		Manual Tubes and Card systems	Manual standard methods	N/A	LP-BB-016 and LP- BB-109 Manual Tube/Card Method
<i>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)</i>						

## Head Office

### 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	Adjusted Calcium	Serum	Calculation	LIMS/Meditech	Based on standard method	LP-BIO-010 LI-BIO-012 LP-BIO-029
	Alanine Aminotransferase		colorimetric	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
	Alkaline Phosphatase		colorimetric	Roche Cobas 8000	CE	LP-BIO-010/LI-BIO-012
	Amylase		enzymatic colorimetric	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
	Aspartate Aminotransferase		colorimetric	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
	Bilirubin - Total		colorimetric	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
	Calcium		photometric	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
	Calcium 24 Hours	Urine	Calculation	Roche Cobas 8000	Formula based on standard method	LP-BIO-028/LP-BIO-029
	Calcium Creatinine Clearance Ratio		Calculation	Roche Cobas 8000	Formula based on standard method	LP-BIO-028/LP-BIO-029

Calcium Creatinine Ratio		Calculation	Roche Cobas 8000	Formula based on standard method	LP-BIO-028/LP-BIO-029
Chloride Indirect ISE	Serum	indirect ISE	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
Cholesterol		Enzymatic colorimetric assay	Roche Cobas 8000	CE	LP-BIO-010 LP-BIO-012
Creatine Kinase		photometric	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
Creatinine	Heparinised whole blood	Amperometric measurement	iSTAT Alinity	CE marked	LP-NPT-012
Creatinine (Enzymatic)	Serum	enzymatic method measured photometrically	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
Creatinine 24 Hours	Urine	Calculation	Roche Cobas 8000	Formula based on standard method	LP-BIO-028/LP-BIO-029
Creatinine clearance		Calculation	Roche Cobas 8000	Formula based on standard method	LP-BIO-028/LP-BIO-029
CSF Glucose	CSF	photometric	Roche Cobas 8000	CE	LP-BIO-010/LI-BIO-012/LP-BIO-25
eGFR		Calculation	iSTAT Alinity	CE marked	LP-NPT-012
	Serum	Calculation	LIMS /Meditech	Based on standard method	LP-BIO-010/ LI-BIO-012/LP-BIO-029
Gamma Glutamyl Transferase		enzymatic colorimetric assay	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
Glucose	Fingerprick	Enzymatic and amperometric	Nova StatStrip	CE marked	LP-NPT-003
	Plasma	photometric	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
HDL Cholesterol	Serum	homogeneous enzymatic colorimetric test	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
Ketones		Enzymatic and amperometric	Nova StatStrip	CE marked	LP-NPT-003

Lactate Dehydrogenase	Serum	enzymatic assay	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
LDL Cholesterol		Calculation	LIMS/Meditech	Based on standard method	LP-BIO-010 LI-BIO-012 LP-BIO-029
Magnesium		colorimetric end point assay	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
Microalbumin Creatinine Ratio	Urine	Calculation	Roche Cobas 8000	Formula based on standard method	LP-BIO-028/LP-BIO-029
Osmolality Freezing Point Depression	Serum/ urine	Freezing Point Depression	Advanced Micro-Osmometer	CE	LP-BIO-013/LI-BIO-012
Phosphate	Serum	photometric	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
Phosphate 24 Hours	Urine	Calculation	Roche Cobas 8000	Formula based on standard method	LP-BIO-028/LP-BIO-029
Potassium 24 Hours		Calculation	Roche Cobas 8000	Formula based on standard method	LP-BIO-028/LP-BIO-029
Potassium Indirect ISE	Serum	indirect ISE	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
Protein Creatinine Ratio	Urine	Calculation	Roche Cobas 8000	Formula based on standard method	LP-BIO-028/LP-BIO-029
Sodium 24 Hours		Calculation	Roche Cobas 8000	Formula based on standard method	LP-BIO-028/LP-BIO-029
Sodium Indirect ISE	Serum	indirect ISE	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
Total Protein 24 Hours	Urine	Calculation	Roche Cobas 8000	Formula based on standard method	LP-BIO-028/LP-BIO-029
Triglycerides	Serum	enzymatic colorimetric assay	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
Troponin T High Sensitivity		Electrochemiluminescent Immunoassay	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
Urea		photometric	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012

	Uric Acid		enzymatic colorimetric	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
	Urine Amylase	Urine	enzymatic colorimetric	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012/LP-BIO-028
	Urine Calcium		photometric	Roche Cobas 8000	CE	LP-BIO-010/LI-BIO-012/LP-BIO-028
	Urine Creatinine		enzymatic method measured photometrically	Roche Cobas 8000	CE	LP-BIO-010/LI-BIO-012/LP-BIO-028
	Urine Microalbumin		immuno-turbidimetric	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012/LP-BIO-028
	Urine Phosphate		photometric	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012/LP-BIO-028
	Urine Potassium		indirect ISEs	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012/LP-BIO-028
	Urine Sodium		indirect ISEs	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012/LP-BIO-028
1061 Clinical Chemistry - .02 Proteins, quantitative analysis	Albumin	Serum	colorimetric	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
	C Reactive Protein		particle enhanced immunoturbidometric assay	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
	Calculated Globulin		Calculation	LIMS/Meditech	CE	LP-BIO-010 LI-BIO-012 LP-BIO-029
	CSF Total Protein	CSF	turbidimetric	Roche Cobas 8000	CE	LP-BIO-010/LI-BIO-012/LP-BIO-25
	Total Protein	Serum	colorimetric	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
	Urine Total Protein	Urine	turbidimetric	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012/LP-BIO-028
1061 Clinical Chemistry - .05 CO-oximetry	COHb	Heparinised whole blood	Spectrophotometry	ABL 90 Flex/ ABL 90 Flex Plus	CE marked	LP-NPT-002

	Hb		Spectrophotometry	ABL 90 Flex/ ABL 90 Flex Plus	CE marked	LP-NPT-002
	HHb		Spectrophotometry	ABL 90 Flex/ ABL 90 Flex Plus	CE marked	LP-NPT-002
	MetHb		Spectrophotometry	ABL 90 Flex/ ABL 90 Flex Plus	CE marked	LP-NPT-002
	O2Hb		Spectrophotometry	ABL 90 Flex/ ABL 90 Flex Plus	CE marked	LP-NPT-002
1061 Clinical Chemistry - .06 Blood pH and gas tensions	pCO2		Potentiometry	ABL 90 Flex/ ABL 90 Flex Plus	CE marked	LP-NPT-002
	pH		Potentiometry	ABL 90 Flex/ ABL 90 Flex Plus	CE marked	LP-NPT-002
	pO2		Optical measurement	ABL 90 Flex/ ABL 90 Flex Plus	CE marked	LP-NPT-002
	sO2		Spectrophotometry	ABL 90 Flex/ ABL 90 Flex Plus	CE marked	LP-NPT-002
1061 Clinical Chemistry - .07 Other analytes performed on a blood gas analyser	Bicarbonate		Calculation	ABL 90 Flex/ ABL 90 Flex Plus	CE marked	LP-NPT-002
	Cl		Potentiometry (Direct ISE)	ABL 90 Flex/ ABL 90 Flex Plus	CE marked	LP-NPT-002
	Glucose		Amperometry	ABL 90 Flex/ ABL 90 Flex Plus	CE marked	LP-NPT-002
	iCa		Potentiometry (Direct ISE)	ABL 90 Flex/ ABL 90 Flex Plus	CE marked	LP-NPT-002
	K		Potentiometry (Direct ISE)	ABL 90 Flex/ ABL 90 Flex Plus	CE marked	LP-NPT-002
	Lactate		Amperometry	ABL 90 Flex/ ABL 90 Flex Plus	CE marked	LP-NPT-002
	Na		Potentiometry (Direct ISE)	ABL 90 Flex/ ABL 90 Flex Plus	CE marked	LP-NPT-002

1061 Clinical Chemistry - .10 Drugs for therapeutic monitoring	Amikacin	Serum	kinetic interaction of microparticles in solution (KIMS)	Roche Cobas 8000	CE	LP-BIO-010/LI-BIO- 012	
	Gentamicin		kinetic interaction of microparticles in solution (KIMS)	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO- 012	
	Vancomycin		homogeneous enzyme immunoassay	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO- 012	
1061 Clinical Chemistry - .20 Hormones	AMH	Serum	Immunoassay	Roche Cobas 8000	CE	LI-BIO-012 LP-BIO-10	
	Cortisol		competitive immunoassay using electrochemiluminescence	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO- 012	
	Follicular Stimulating Hormone		Electrochemiluminescent Immunoassay	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO- 012	
	FT4		competitive immunoassay using electrochemiluminescence	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO- 012	
	Luteinizing Hormone		Electrochemiluminescent Immunoassay	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO- 012	
	NT-Pro-BNP		Electrochemiluminescent sandwich Immunoassay	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO- 012	
	Oestradiol		Electrochemiluminescent Immunoassay	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO- 012	
	Parathyroid Hormone		Plasma	Electrochemiluminescent Immunoassay	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO- 012
	Progesterone		Serum	Electrochemiluminescent Immunoassay	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO- 012
	Prolactin	Electrochemiluminescent Immunoassay		Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO- 012	
Testosterone	Electrochemiluminescent Immunoassay	Roche Cobas 8000		CE	LP-BIO-010/ LI-BIO- 012		

	Thyroid Stimulating Hormone
1061 Clinical Chemistry - .40 Iron studies	Ferritin
	Iron
	TIBC
	Transferrin saturation
	UIBC
1061 Clinical Chemistry - .45 Vitamin B12 and folate	Folate
	Vitamin B12
1061 Clinical Chemistry - .47 Vitamin assays	Vitamin D
1061 Clinical Chemistry - .50 Protein and peptide tumour markers	AFP
	CA125
	CA15-3
	CA19-9
	CEA

electrochemiluminescent sandwich Immunoassay	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
Electrochemiluminescent Immunoassay	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
colorimetric	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
Calculation	LIMS/Meditech	Based on standard method	LP-BIO-010 LI-BIO-012 LP-BIO-029
Calculation	LIMS/Meditech	Based on standard method	LP-BIO-010 LI-BIO-012 LP-BIO-029
Direct determination with FerroZine	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
Electrochemiluminescent Immunoassay	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
Electrochemiluminescent Immunoassay	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
Electrochemiluminescent Immunoassay	Roche Cobas 8000	CE	LP-BIO-010/LI-BIO-012
Electrochemiluminescent Immunoassay	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
Electrochemiluminescent Immunoassay	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
Electrochemiluminescent Immunoassay	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
Electrochemiluminescent Immunoassay	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012

	HCG		Electrochemiluminescent Immunoassay	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
	tPSA		Electrochemiluminescent Immunoassay	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012
1061 Clinical Chemistry - .61 Hb A1c	Haemoglobin (HbA1c)	Whole Blood (EDTA)	Capillaries Electrophoresis	Capillarys 3 Octa	CE	LP-BIO-032/LI-BIO-012
1061 Clinical Chemistry - .65 Pregnancy tests – qualitative	Urine hCG	Urine	Lateral Flow Assay	Clinitek Status +	CE marked	LP-NPT-005
1061 Clinical Chemistry - .83 Rheumatoid factor – quantitative assays	Rheumatoid Factor	Serum	Immunturbidometric assay	Roche Cobas 8000	CE	LP-BIO-010/ LI-BIO-012

*The hospital pathology laboratory is accredited for the provision of Point of Care testing in accordance with ISO 15189:2022 for the tests identified in category B. For further details please refer to the laboratory's list of equipment and delivery points.*

## Head Office

### Chemical Pathology

Category: B

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	Creatinine	Heparinised whole blood	Amperometric measuerment	iSTAT Alinity	CE	LP-NPT-012/LP-NPT-010
	eGFR		Calculation	iSTAT Alinity	CE	LP-NPT-012/LP-NPT-010
	Glucose	Fingerprick	Enzymatic and amperometric	Nova StatStrip	CE	LP-NPT-003
	Ketones		Enzymatic and amperometric	Nova StatStrip	CE	LP-NPT-003
1061 Clinical Chemistry - .05 CO-oximetry	COHb	Heparinised whole blood	Optical system/spectrophotometer	ABL90 FLEX	CE	LP-NPT-002
			Spectrophotometry	ABL90 FLEX PLUS	CE	LP-NPT-002
	Hb		Optical system/spectrophotometer	ABL90 FLEX	CE	LP-NPT-002
			Spectrophotometry	ABL90 FLEX PLUS	CE	LP-NPT-002
	HHb		Optical system/spectrophotometer	ABL90 FLEX	CE	LP-NPT-002

	MetHb
	O2Hb
1061 Clinical Chemistry - .06 Blood pH and gas tensions	pCO2
	pH
	pO2
	sO2
1061 Clinical Chemistry - .07 Other analytes performed on a blood gas analyser	Bicarbonate

Spectrophotometry	ABL90 FLEX PLUS	CE	LP-NPT-002
Optical system/spectrophotometer	ABL90 FLEX	CE	LP-NPT-002
Spectrophotometry	ABL90 FLEX PLUS	CE	LP-NPT-002
Amperometry	ABL90 FLEX	CE	LP-NPT-002
Spectrophotometry	ABL90 FLEX PLUS	CE	LP-NPT-002
Electric potential	ABL90 FLEX	CE	LP-NPT-002
Potentiometry	ABL90 FLEX PLUS	CE	LP-NPT-002
Potentiometric measurement	ABL90 FLEX	CE	LP-NPT-002
Potentiometry	ABL90 FLEX PLUS	CE	LP-NPT-002
Optical	ABL90 FLEX	CE	LP-NPT-002
Optical pO2	ABL90 FLEX PLUS	CE	LP-NPT-002
Optical system/spectrophotometer	ABL90 FLEX	CE	LP-NPT-002
Spectrophotometry	ABL90 FLEX PLUS	CE	LP-NPT-002
Calculated	ABL90 FLEX PLUS	CE	LP-NPT-002
Potentiometric measurement	ABL90 FLEX	CE	LP-NPT-002

	Cl		Potentiometric measurement	ABL90 FLEX	CE	LP-NPT-002
			Potentiometry (Direct ISE)	ABL90 FLEX PLUS	CE	LP-NPT-002
	Glucose		Amperometry	ABL90 FLEX	CE	LP-NPT-002
			Amperometry	ABL90 FLEX PLUS	CE	LP-NPT-002
	iCa		Potentiometric measurement	ABL90 FLEX	CE	LP-NPT-002
			Potentiometry (Direct ISE)	ABL90 FLEX PLUS	CE	LP-NPT-002
	K		Potentiometric measurement	ABL90 FLEX	CE	LP-NPT-002
			Potentiometry (Direct ISE)	ABL90 FLEX PLUS	CE	LP-NPT-002
	Lactate		Amperometry	ABL90 FLEX PLUS	CE	LP-NPT-002
			Potentiometric measurement	ABL90 FLEX	CE	LP-NPT-002
	Na		Potentiometric measurement	ABL90 FLEX	CE	LP-NPT-002
			Potentiometry (Direct ISE)	ABL90 FLEX PLUS	CE	LP-NPT-002
1061 Clinical Chemistry - .65 Pregnancy tests – qualitative	Urine hCG	Urine	Lateral Flow Assay	Clinitek Status +	CE	LP-NPT-005

*The hospital pathology laboratory is accredited for the provision of Point of Care testing in accordance with ISO 15189:2022 for the tests identified in category B. For further details please refer to the laboratory's list of equipment and delivery points.*

## Head Office

### 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	EDTA Blood	Automated	Sysmex XN2000	CE	LP-HAEM-002
	Haematocrit	EDTA Whole Blood	Calculated Parameter	Sysmex XN2000	CE Marked	LP-HAEM-002
	Haemoglobin	EDTA Blood	Sodium Lauryl Sulphate (SLS) Haemoglobin Method	Sysmex XN2000	CE Marked	LP-HAEM-002
	Mean Cell Haemoglobin		Calculated Parameter	Sysmex XN2000	CE Marked	LP-HAEM-002
	Mean Cell Haemoglobin Concentration		Calculated Parameter	Sysmex XN2000	CE Marked	LP-HAEM-002
	Mean Cell Volume		Calculated Parameter	Sysmex XN2000	CE Marked	LP-HAEM-002
	Platelet Count		Impedance Technology	Sysmex XN2000	CE Marked	LP-HAEM-002
	Red Cell Count		Impedance Technology	Sysmex XN2000	CE Marked	LP-HAEM-002
1030 Haematology - .02 Visual examination of blood films	Blood Film		EDTA Blood	Manual	Microscope	CE

1030 Haematology - .03 Erythrocyte sedimentation rate	Erythrocyte Sedimentation Rate	Tri-Sodium Citrate/Citric acid buffer solution	CE Westgreen Manual	Sedivette Rack	CE	LP-HAEM-010
1030 Haematology - .05 Automated differential leucocyte counts	Basinophil count		Fluorescence Flow Cytometry	Sysmex XN2000	CE Marked	LP-HAEM-002
	Eosinophil count		Fluorescence Flow Cytometry	Sysmex XN2000	CE Marked	LP-HAEM-002
	Full Blood Count with Automated Differential leucocyte counts	EDTA Blood	Automated	Sysmex XN2000	CE	LP-HAEM-002
	Lymphocyte count		Fluorescence Flow Cytometry	Sysmex XN2000	CE Marked	LP-HAEM-002
	Monocyte count		Fluorescence Flow Cytometry	Sysmex XN2000	CE Marked	LP-HAEM-002
	Neutrophil count		Fluorescence Flow Cytometry	Sysmex XN2000	CE Marked	LP-HAEM-002
	White Cell count		Fluorescence Flow Cytometry	Sysmex XN2000	CE Marked	LP-HAEM-002
1030 Haematology - .06 Automated reticulocyte counts	Reticulocyte count		Fluorescence Flow Cytometry	Sysmex XN2000	CE Marked	LP-HAEM-002
		EDTA Blood	Automated	Sysmex XN2000	CE	LP-HAEM-002
1030 Haematology - .41 General haemostasis related tests	Activated partial Thromboplastin Time	Citrate 9NC	Chronometry	Stago Compact Max/Max 3	CE	LP-HAEM-012
	APTT ratio	3.2% Sodium Citrated	Calculated	Stage Compact Max/Max 3	CE-IVD	LP-HAEM-012
	D-Dimer	Citrate 9NC	Automated	Stago Compact Max/Max 3	CE	LP-HAEM-012
	Fibrinogen		Automated	Stago Compact Max/Max 3	CE	LP-HAEM-012

	INR	3.2% Sodium Citrated	Automated	Stage Compact Max/Max 3	CE-IVD	LP-HAEM-012
	Prothrombin Time	Citrate 9NC	Chronometry	Stago Compact Max/Max 3	CE	LP-HAEM-012
			Chronometry	Stago Compact Max/Max 3	CE	LP-HAEM-012

## Head Office

### Histopathology and Cytopathology

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 and Eosin Staining	Human Tissue	Automated	Based on standard method	N/A	LP-HIST-062 LP-HIST-014
	Coverslipping		Automated	Based on standard method	N/A	LP-HIST-062 LP-HIST-065
	Cut Up		Manual	Based on Standard Method	N/A	LP-HIST-001 LP-HIST-003
	Decalcification		Manual	Based on Standard Method	N/A	LP-HIST-061
	Embedding		Automated/Embedding Centre	CE Marked	N/A	LP-HIST-008
	Microtomy		Manual/Automated	Based on Standard Method	N/A	LP-HIST-009, LP-HIST-010
	Tissue Processing		Automated	CE Marked	N/A	LP-HIST-061
1051 Histopathology - .035 Histological Interpretation	Diagnostic interpretation and reporting		Manual/Microscope	Based on Standard Method	N/A	LP-HIST-055,LP-HIST-056

## Head Office

### 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
1011 Macroscopic examination and description	Macroscopic examination and description of specimens	Sputum, CSF, Faeces	Manual	Visual	N/A	LP-MIC-001, LP-MIC-007, LP-MIC-008, LP-MIC-013
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)	Gram stain, cell counts and differentials	Eye/Ear Swab, High Vaginal Swab, Cervical/Urethral Swab, Fluids,CSF, Blood Cultures, Urines	Light Microscopy	Microscopy	N/A	LP-MIC-004, LP-MIC-079, LP-MIC-005, LP-MIC-080, LP-MIC-008,
1013 Culture of organisms in liquid or agar based culture media with visual or instrument monitoring for growth - .01 Culture of general bacteria	Culture of General Bacterial specimens	Sputum, Broncheolar lavage, eye swab, high vaginal swab, tracheal aspirate, urine, fluids,CSF, Tissues, Biopsies, Bone, Pus, Penile/Urethral swab, endocervical swab, tips, drains, faeces,	Culture	N/A	N/A	LP-MIC-003, LP-MIC-004, LP-MIC-005, LP-MIC-007, LP-MIC-008, LP-MIC-013, LP-MIC-015, LP-MIC-028, LP-MIC-027, LP-MIC-031, LP-MIC-080,

		mouth swabs, wound swabs, ear swab, throat swab, theatre specimens, sinus aspirates, nasal swabs, abscesses, IV cannulae, intraocular fluid, corneal scrapings, MRSA swab, VRE swab, CPE swab, Bile, Ulcer swabs, Surveillance specimens, Environmental specimens				
1014 Detection of bacterial, parasite, viral or fungal antigens using specific antibodies and appropriate techniques - .04 Immuno-chromatographic methods,	C.diff GDH Toxin	Faeces	Lateral flow	Test Kit	N/A	LP-MIC-013
	Legionella urinary antigen	Urine	Rapid immuno-chromatographic assay	Test Kit	N/A	LP-MIC-004
	Pneumococcal urinary antigen	Urine and CSF	Rapid immuno-chromatographic assay	Test Kit	N/A	LP-MIC-004, LP-MIC-008
1015 Detection and/or identification of bacterial, parasite, fungal and viral nucleic acids - .03 Nucleic acid amplification tests, CE marked commercial systems	Detection of Vancomycin Resistant Enterococci (VRE) and Carbapenemase Producing Enterobacteriales (CPE) using Entero-DR Assay	Rectal Swabs	Seegene Nimbus, CFX light cyclor	CE	N/A	LP-MIC-015

	Respiratory Viral Panel 2.1 Severe Acute Resp Syndrome Coronavirus SARS-CoV-2	Bronchial washings, Sputum, Broncheolar lavages, Nasopharyngeal swabs, throat swabs, nose swabs, oropharyngeal swabs.	PCR	Biofire Film array	N/A	LP-MIC-092
	SARS-CoV-2		PCR	Seegene	N/A	LP-MIC-096
	Xpert Xpress SARS-CoV-2		PCR	GeneXpert	N/A	LP-MIC-071
1016 Identification of cultured bacteria and fungi using non-nucleic acid based techniques - .04 Identification using MALDI- TOF Spectroscopy	Identification using MALDI- TOF Spectroscopy	Bacterial isolates, Candida sp.	Mass Spectrophotometry	Vitek MS	N/A	LP-MIC-031, LP- MIC-086
1017 Measurement of antimicrobial activity and application of clinical interpretive criteria to general bacteria (rapidly growing aerobes) - .05 Other categories of organism (as specified )	Antimicrobial susceptibility testing	Bacterial isolates	Broth mic	Vitek 2 60	N/A	LP-MIC-087
			Disc Diffusion	N/A	N/A	LP-MIC-061
			Minimum inhibitory concentration	Gradient MIC	N/A	LP-MIC-061
1024 Preservation of microbial cultures	Microorganism storage	New MRSA, VRE, CPE and ESBL Isolates referred to external labs, Staph aureus, Pseudomonas.	Cryogenic Beads	N/A	N/A	LP-MIC-003, LP- MIC-004, LP-MIC- 005, LP-MIC-007, LP-MIC-008, LP- MIC-013, LP-MIC- 015, LP-MIC-028, LP-MIC-027, LP-

						MIC-031, LP-MIC-080.
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