

# Schedule of Accreditation



Organisation Name	Saolta University Healthcare Group Letterkenny University Hospital
Trading As	Health Service Executive
INAB Reg No	210MT
Contact Name	Mary McDaid
Address	Pathology Department, Letterkenny University Hospital, Letterkenny, Donegal
Contact Phone No	0749123726
Email	marym.mcdaid@hse.ie
Website	
Accreditation Standard	EN ISO 15189
Standard Version	2022
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 <sup>1</sup>	

<sup>1</sup> 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)		
	<b>Name</b>	<b>Address</b>
1	Pathology Department	Letterkenny University Hospital, Letterkenny, Donegal, Ireland

# Scope of Accreditation

## Pathology Department

### 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 & Rh (D) typing	Red Blood Cells and Plasma	Automated BIO-RAD IH500			LP-BT-0029 Operation of the Biorad IH500
		Red Blood Cells and Plasma	Manual Tube Method Manual Gel System Automated BIO-RAD IH-1000			LP-BT-017 (Manual Tube Method) LP-BT-0015 (Manual Gel System) LP-BT-0035 (BIO-RAD IH-1000)
		Red Blood Cells and Plasma	Automated BIO-RAD IH500, BIO-RAD IH-1000			LP-BT-0029 LP-BT-0035
1020 Transfusion science - .02 Blood grouping including ABO, Rh(D) and other antigens by automated methods						
1020 Transfusion science - .03 Blood group antibody screen	Antibody Screening	Plasma	Manual Gel System Automated BIO-RAD			LP-BT-0015 (Manual Gel System) LP-BT-

			IH-1000			0035 (BIO-RAD IH-1000)
			Automated BIO-RAD IH500			LP-BT-0029 Operation of the Biorad IH500
1020 Transfusion science - .04 Identification of blood group antibodies	Identification of Antibodies		Manual Gel System Automated BIO-RAD IH-1000			LP-BT-0015 (Manual Gel System) LP-BT-0035 (BIO-RAD IH-1000)
			Automated BIO-RAD IH500			LP-BT-0029 Operation of the Biorad IH500
1020 Transfusion science - .05 Cross match compatible donor units	Red Cell Compatibility Testing		Computer assisted compatibility testing (electronic issue)			LP-BT-0037 Electronic issue of red cells
	Red Cell Compatibility Testing	Plasma	Manual Gel System			LP-BT-0015 (Manual Gel System)
1020 Transfusion science - .06 Red cell phenotyping	Phenotyping	Red Cells	Manual Gel System Automated BIO-RAD IH-1000, BIO-RAD IH500, Manual gel system	CE	NA	LP-BT-0015 (Manual Gel System) LP-BT-0035 (BIO-RAD IH-1000) LP-BT-0029 Operation of the Biorad IH500
			Automated BIO-RAD IH500, IH-1000, Manual gel system	CE	N/A	LP-BT-0029 Operation of the Biorad IH500 LP-BT-0015 (Manual Gel System) LP-BT-0035 (BIO-RAD IH-1000)
1020 Transfusion science - .09 Direct antiglobulin test	Direct Coombs Test (DCT)		Automated BIO-RAD IH500, BIO-RAD IH-1000, Manual Gel System	CE		LP-BT-0029 Operation of the Biorad IH500 LP-BT-0015 (Manual Gel System) LP-BT-0035 (BIO-RAD IH-1000)
<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>						

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	System based	Roche c702/ calculated	Standard Method	LP-CHEM-004
	Alanine Aminotransferase (ALT)		Enzymatic Colorimetric	Roche c 702	Standard Method	LP-CHEM-004
	Albumin		Colorimetric	Roche c 702	Standard Method	LP-CHEM-004
	Alkaline Phosphatase		Colorimetric	Roche c 702	Standard Method	LP-CHEM-004
	Ammonia		Enzymatic method	Roche c702	Standard Method	LP-CHEM-004
	Amylase	Serum Urine	Enzymatic Colorimetric	Roche c 702	Standard Method	LP-CHEM-004
	Bicarbonate	Serum	Enzymatic Colorimetric	Roche c 702	Standard Method	LP-CHEM-004
	Bilirubin - Direct		Diazo	Roche c 702	Standard Method	LP-CHEM-004
	Bilirubin - Total		Colorimetric	Roche c 702	Standard Method	LP-CHEM-004
	C Reactive Protein (CRP)		Immunoturbidimetric assay	Roche c702	Standard Method	LP-CHEM-004

CA125		Electrochemiluminescence/SANDWICHSTEP2	Roche e801	Standard Method	LP-CHEM-004
Calcium	Serum/ Urine	Photometric	Roche c702	Standard Method	LP-CHEM-004
Calcium/ Creatinine Ratio	Urine	Calculation	Roche c702	Standard Method	LP-CHEM-004
Chloride	Serum/ Urine	Indirect (Non-selective electrodes)	Roche ISE	Standard Method	LP-CHEM-004
Cholesterol	Serum	Enzymatic Colorimetric	Roche c 702	Standard Method	LP-CHEM-004
Creatine Kinase (CK)		NAS (IFCC)	Roche c702	Standard Method	LP-CHEM-004
Creatinine (Enzymatic)	Serum/ Urine	Enzymatic Colorimetric	Roche c702	Standard Method	LP-CHEM-004
eGFR	Serum	Calculated	Roche c702	Standard Method	LP-CHEM-004
Gamma Glutamyl Transferase		Enzymatic Colorimetric	Roche c702	Standard Method	LP-CHEM-004
Glucose	Fluoride Oxalate/ CSF	Enzymatic Colorimetric	Roche c702	Standard Method	LP-CHEM-004
High Density Lipoprotein (HDL)	Serum	Enzymatic Colorimetric	Roche c702	Standard Method	LP-CHEM-004
Lactate	Fluoride Oxalate	Colorimetric	Roche c702	Standard Method	LP-CHEM-004
Lactate Dehydrogenase	Serum	LtoP glucamine (IFCC)	Roche c702	Standard Method	LP-CHEM-004
LDL Cholesterol		Enzymatic Colorimetric	Roche c702	Standard Method	LP-CHEM-004
Magnesium		Colorimetric endpoint	Roche c702	Standard Method	LP-CHEM-004
Osmolality	Serum/ Urine	Freezing Point Depression	Osmo 1	Standard Method	LP-CHEM-0015
Pro Calcitonin	Serum	Sandwich principle	Roche e801	Standard Method	LP-CHEM-004
Pro-BNP		Electrochemiluminescence/SANDWICH STEP2	Roche c801	Standard Method	LP-CHEM-004

			Electrochemiluminescence/SANDWICH STEP2	Roche c801/5-35000pg/ml	Standard Method	LP-CHEM-004
	Protein Creatinine Ratio		Enzymatic Colorimetric	Roche c702	Standard Method	LP-CHEM-004
	Sodium	Serum/ Urine	Indirect ISE	Roche c702	Standard Method	LP-CHEM-004
	Triglycerides	Serum	Enzymatic Colorimetric	Roche c702	Standard Method	LP-CHEM-004
	Troponin T High Sensitivity		Electrochemiluminescence/SANDWICHSTEP2	Roche e801	Standard Method	LP-CHEM-004
	Urea	Serum/ Urine	KIMS	Roche c702	Standard Method	LP-CHEM-004
	Uric Acid	Serum/Urine	Enzymatic Colorimetric	Roche c 702	Standard Method	LP-CHEM-004
1061 Clinical Chemistry - .02 Proteins, quantitative analysis	Anti Cyclic Citrullinated Peptide (Anti-CCP)	Serum	Electrochemiluminescence/SANDWICHSTEP2	Roche e801	Standard Method	LP-CHEM-004
	Complement C3		Immunoturbidimetric assay	Roche c702	Standard Method	LP-CHEM-004
	Complement C4		Immunoturbidimetric assay	Roche c702	Standard Method	LP-CHEM-004
	Cortisol		Electrochemiluminescence/SANDWICHSTEP2	Roche e801	Standard Method	LP-CHEM-004
	Immunoglobulin A		Immunoturbidimetric assay	Roche c702	Standard Method	LP-CHEM-004
	Immunoglobulin G		Immunoturbidimetric assay	Roche c702	Standard Method	LP-CHEM-004
	Immunoglobulin M		Immunoturbidimetric assay	Roche c702	Standard Method	LP-CHEM-004
	Interleukin-6		Electrochemiluminescence Immunoassay	Roche e801	CE	LP-CHEM-004
	Thyroid Stimulating Hormone (TSH)		Electrochemiluminescence/SANDWICHSTEP2	Roche e801	Standard Method	LP-CHEM-004
	Total Protein	Serum/ CSF/ Urine	Colorimetric	Roche c702	Standard Method	LP-CHEM-004

1061 Clinical Chemistry - .03 Proteins, qualitative and semiquantitative analysis	Protein Electrophoresis	Serum/Urine	Electrophoresis	Sebia Hydrasys	Standard Method	LP-CHEM-006	
1061 Clinical Chemistry - .05 CO-oximetry	Carboxyhaemoglobin	Blood	Absorption Spectrophotometry	Siemens Rapid Point 500	Standard Method	LP-CHEM-005	
	Methaemoglobin		Absorption Spectrophotometry	Siemens Rapid Point 500	Standard Method	LP-CHEM-005	
1061 Clinical Chemistry - .06 Blood pH and gas tensions	Base Excess		Calculation	Siemens Rapid Point 500	Standard Method	LP-CHEM-005	
	HCO3 actual		Calculation	Siemens Rapid Point 500	Standard Method	LP-CHEM-005	
	HCO3 standard		Calculation	Siemens Rapid Point 500	Standard Method	LP-CHEM-005	
	O2 Saturation		Calculation	Siemens Rapid Point 500	Standard Method	LP-CHEM-005	
	Pco2		Calculation	Siemens Rapid Point 500	Standard Method	LP-CHEM-005	
	Ph			Calculation	Siemens Rapid Point 500	Standard Method	LP-CHEM-005
				Calculation	Siemens Rapid Point 500	Standard Method	LP-CHEM-005
	Po2		Calculation	Siemens Rapid Point 500	Standard Method	LP-CHEM-005	
			Calculation	Siemens Rapid Point 500	Standard Method	LP-CHEM-005	
1061 Clinical Chemistry - .07 Other analytes performed on a blood gas analyser	Glucose			Siemens Rapid Point 500	Standard Method	LP-CHEM-005	
	Ionised Calcium			Siemens Rapid Point 500	Standard Method	LP-CHEM-005	
	Lactate			Siemens Rapid	Standard Method	LP-CHEM-	



				Point 500		005
1061 Clinical Chemistry - .10 Drugs for therapeutic monitoring	Carbamazepine	Serum	Agglutination Immunoassay	Roche c702	Standard Method	LP-CHEM-004
	Digoxin		Electrochemiluminescence/SANDWICHSTEP2	Roche e801	Standard Method	LP-CHEM-004
	Ethanol	Serum/ Urine	Enzymatic Colorimetric	Roche c702	Standard Method	LP-CHEM-004
	Gentamicin	Serum	Enzymatic Immunoassay	Roche c702	Standard Method	LP-CHEM-004
	Lithium		Colorimetric	Roche c702	Standard Method	LP-CHEM-004
	Paracetamol		Enzymatic Colorimetric	Roche c702	Standard Method	LP-CHEM-004
	Phenytoin		KIMS	Roche c702	Standard Method	LP-CHEM-004
	Salicylate		Enzymatic Colorimetric	Roche c702	Standard Method	LP-CHEM-004
Vancomycin	KIMS		Roche c702	Standard Method	LP-CHEM-004	
1061 Clinical Chemistry - .20 Hormones	Follicle Stimulating Hormone (FSH)		Electrochemiluminescence/SANDWICH-STEP2	Roche e801	Standard Method	LP-CHEM-004
	LH		Electrochemiluminescence/SANDWICH-STEP2	Roche e801	Standard Method	LP-CHEM-004
	Oestradiol		Electrochemiluminescence/COMP-STEP2	Roche e801	Standard Method	LP-CHEM-004
	Progesterone		Electrochemiluminescence/COMP-STEP2	Roche e801	Standard Method	LP-CHEM-

						004
	Prolactin		Electrochemiluminescence/SANDWICH-STEP2	Roche e801	Standard Method	LP-CHEM-004
	PTH	EDTA/PLASMA	Electrochemiluminescence/SANDWICH STEP2	Roche e801	Standard Method	LP-CHEM-004
	T3- Free	Serum	Electrochemiluminescence/SANDWICHSTEP2	Roche e801	Standard Method	LP-CHEM-004
	T4- Free		Electrochemiluminescence/SANDWICHSTEP2	Roche e801	Standard Method	LP-CHEM-004
	Testosterone		Electrochemiluminescence/SANDWICH STEP 2	Roche e801	Standard Method	LP-CHEM-004
1061 Clinical Chemistry - .40 Iron studies	Ferritin		Electrochemiluminescence/SANDWICHSTEP2	Roche e801	Standard Method	LP-CHEM-004
	Iron		Colorimetric	Roche c702	Standard Method	LP-CHEM-004
	Transferrin	Immunoturbidimetric	Roche c702	Standard Method	LP-CHEM-004	
	Transferrin Saturation	Calculated	Roche c702	Standard Method	LP-CHEM-004	
1061 Clinical Chemistry - .45 Vitamin B12 and folate	Folate	Electrochemiluminescence/SANDWICHSTEP2	Roche e801	Standard Method	LP-CHEM-004	
	Vitamin B12	Electrochemiluminescence/SANDWICHSTEP2	Roche e801	Standard Method	LP-CHEM-004	
1061 Clinical Chemistry - .47 Vitamin assays	Vitamin D	Electrochemiluminescence/SANDWICHSTEP2	Roche e801	Standard Method	LP-CHEM-004	
1061 Clinical Chemistry - .50 Protein and peptide tumour markers	AFP	Electrochemiluminescence/SANDWICHSTEP2	Roche e801	Standard Method	LP-CHEM-004	
	CA15-3	Electrochemiluminescence/SANDWICHSTEP2	Roche e801	Standard Method	LP-CHEM-004	

	CA19-9		Electrochemiluminescence/SANDWICHSTEP2	Roche e801	Standard Method	LP-CHEM-004
	CEA		Electrochemiluminescence/SANDWICHSTEP2	Roche e801	Standard Method	LP-CHEM-004
	HCG		Electrochemiluminescence/SANDWICHSTEP2	Roche e801	Standard Method	LP-CHEM-004
	TPSA		Electrochemiluminescence/SANDWICH-STEP2	Roche e801	Standard Method	LP-CHEM-004
1061 Clinical Chemistry - .61 Hb A1c	HbA1c	Blood	HPLC	Medicon Adams A1c, HA8180	Standard Method	LP-CHEM-007
1061 Clinical Chemistry - .83 Rheumatoid factor – quantitative assays	Rheumatoid Factor	Serum	Immunoturbidimetric assay	Roche C702	Standard Method	LP-CHEM-004
1061 Clinical Chemistry - .88 b2-microglobulin	B2 Microglobulin		Immunoturbidimetric	Roche Cobas 702	Standard Method	LP-CHEM-004
1061 Clinical Chemistry - .99 Miscellaneous tests	Haemochromatosis	Blood			Standard Method	LP-CHEM-0021

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	Haematocrit	Blood		Sysmex XN-9000	Calculation from Area of Curve	LP-HAEM-0052 Operation of the XN9000 LP-HAEM-0053 Authorisation on the EPU
	Haemoglobin			Sysmex XN-9000	Spectrophotometric Analysis	LP-HAEM-0052 Operation of the XN9000 LP-HAEM-0053 Authorisation on the EPU
	MCH			Sysmex XN-9000	Calculation with RBC and HgB	LP-HAEM-0052 Operation of the XN9000 LP-HAEM-0053 Authorisation on the EPU
	MCHC			Sysmex XN-9000	Calculation with HCT and HgB	LP-HAEM-0052 Operation of the XN9000 LP-HAEM-0053 Authorisation on the EPU
	Mean Cell Volume			Sysmex XN-9000	Calculation with RBC and HCT	LP-HAEM-0052 Operation of the XN9000 LP-HAEM-0053 Authorisation on the EPU

	Platelet Count		Sysmex XN-9000	Aperture Impedance Counting	LP-HAEM-0052 Operation of the XN9000 LP-HAEM-0053 Authorisation on the EPU
	Red Cell Count		Sysmex XN-9000	Aperture Impedance Counting	LP-HAEM-0052 Operation of the XN9000 LP-HAEM-0053 Authorisation on the EPU
	White Cell Count		Sysmex XN-9000	Flow Cytometry using Semi-Conductor Laser	LP-HAEM-0052 Operation of the XN9000 LP-HAEM-0053 Authorisation on the EPU
1030 Haematology - .02 Visual examination of blood films	Includes Neutrophils, Lymphocytes, Monocytes, Eosinophils, Basophils		Sysmex SP-10 Slide unit/ Manual Stain/ Microscope	Staining/ Microscopy	LP-HAEM-0054 Operation of the SP-10 Slide Preparation Unit LP-HAEM-0006 Manual Staining of Blood Films and Bone Marrow Slides LP-HAEM-0001 Blood Film Preparation LP-HAEM-0003 Blood Film Examination and Manual Differential
	Red Cell Morphology		Sysmex SP-10 Slide unit/ Manual Stain/ Microscope	Staining/ Microscopy	LP-HAEM-0054 Operation of the SP-10 Slide Preparation Unit LP-HAEM-0006 Manual Staining of Blood Films and Bone Marrow Slides LP-HAEM-0001

						Blood Film Preparation LP-HAEM-0003 Blood Film Examination and Manual Differential
	Visual examination of blood films	EDTA Blood Film	Sysmex DM-1200 Automated digital morphology system with operator reclassification and result validation	N/A	CE Marked	LP-HAEM-0062 Operation of the DM1200 Digital Morphology
	White Cell Morphology	Blood		Sysmex SP-10 Slide unit/ Manual Stain/ Microscope	Staining/ Microscopy	LP-HAEM-0054 Operation of the SP-10 Slide Preparation Unit LP-HAEM-0006 Manual Staining of Blood Films and Bone Marrow Slides LP-HAEM-0001 Blood Film Preparation LP-HAEM-0003 Blood Film Examination and Manual Differential
1030 Haematology - .03 Erythrocyte sedimentation rate	ESR (Automated)			Interliner ESR analyser		LP-HAEM-0056 Operation of the Interliner ESR
1030 Haematology - .05 Automated differential leucocyte counts	Basophil Count			Sysmex XN-9000	Flow Cytometry using Semi-Conductor Laser	LP-HAEM-0052 Operation of the XN9000 LP-HAEM-0053 Authorisation on the EPU
	Eosinophil Count			Sysmex XN-9000	Flow Cytometry using Semi-Conductor Laser	LP-HAEM-0052 Operation of the XN9000 LP-HAEM-0053 Authorisation on the EPU

	Lymphocyte Count
	Monocyte Count
	Neutrophil Count
1030 Haematology - .06 Automated reticulocyte counts	Reticulocyte Analysis
1030 Haematology - .09 Examination of malarial parasites	Binax NOW Screening Test
	Blood film examination
	Rapid Diagnosis of Malaria

	Sysmex XN-9000	Flow Cytometry using Semi-Conductor Laser	LP-HAEM-0052 Operation of the XN9000 LP-HAEM-0053 Authorisation on the EPU
	Sysmex XN-9000	Flow Cytometry using Semi-Conductor Laser	LP-HAEM-0052 Operation of the XN9000 LP-HAEM-0053 Authorisation on the EPU
	Sysmex XN-9000	Flow Cytometry using Semi-Conductor Laser	LP-HAEM-0052 Operation of the XN9000 LP-HAEM-0053 Authorisation on the EPU
	Sysmex XN-9000	Flow Cytometry using Semi-Conductor Laser	LP-HAEM-0052 Operation of the XN9000 LP-HAEM-0053 Authorisation on the EPU
	Binax NOW Screening Test	Immuno-Qualitative Assay	LP-HAEM-0004 Identification of Malarial Parasites LP-HAEM-0014 RDT Malaria, Binax and CareUS
	Microscope	Staining/ Microscopy	LP-HAEM-0004 Identification of Malarial Parasites LP-HAEM-0006 Manual Staining of Blood Films and Bone Marrow Slides
Manual Serological Test (immunochromatographic test) for Malarial Antigens, CareUS	N/A	CE Marked	LP-HAEM-0004 Identification of Malarial Parasites LP-HAEM-0014 RDT

			Malaria			Malaria, Binax and CareUS
1030 Haematology - .30 Tests for haemoglobin variants and thalassaemia	Sickle Screen (Sickledex)			Kit	Qualitative Solubility Test	LP-HAEM-0011 Sickledex Screening Test
1030 Haematology - .31 Tests for foetal Hb (Kleihauer)	Kleihauer Test			Kit	Acid Elution/ Microscopy	LP-HAEM-0008 Kleihauer Test for detection of Foetal Hb
1030 Haematology - .40 Limited haemostasis related tests	Anti Factor 10a Assay	Plasma		Sysmex CS2500	Clotting Assay	LP-HAEM-0058 Operation of the CS Series Analysers LP-HAEM-0025 Biophen Heparin Anti Xa Assay
	FIX			Sysmex CS2500	Clotting Assay	LP-HAEM-0058 Operation of the CS Series Analysers LP-HAEM-0035 Intrinsic Factor Assay
	FVIII			Sysmex CS2500	Clotting Assay	LP-HAEM-0057 Operation of the CS2500 LP-HAEM-0035 Intrinsic Factor Assay
	FX			Sysmex CS2500	Clotting Assay	LP-HAEM-0058 Operation of the CS Series Analysers LP-HAEM-0036 Extrinsic Factor Assay
1030 Haematology - .41 General haemostasis related tests	Activated Partial Thromboplastin Time (APTT)			Sysmex CS2500 Sysmex CS5100	Clotting Assay	LP-HAEM-0024, Determination of APTT LP-HAEM-0058 Operation of the CS Series Analysers



	D-Dimer			Sysmex CS2500 Sysmex CS5100	Clotting Assay	LP-HAEM-0040 DDimer Test, Innovance LP-HAEM-0058 Operation of the CS Series Analysers
	Fibrinogen (Clauss)			Sysmex CS2500 Sysmex CS5100	Clotting Assay	LP-HAEM-0037 Claus Fibrinogen LP-HAEM-0058 Operation of the CS Series Analysers
	International Normalised Ratio (INR)			Sysmex CS2500 Sysmex CS5100	Ratio Calculation	LP-HAEM-0023 Determination of PT + INR LP-HAEM-0058 Operation of the CS Series Analysers
	Prothrombin Time (PT)			Sysmex CS2500 Sysmex CS5100	Clotting Assay	LP-HAEM-0023 Determination of the PT + INR LP-HAEM-0058 Operation of the CS Series Analysers
	Thrombin Time			Sysmex CS2500 Sysmex CS5100	Clotting Assay	LP-HAEM-0027 Thrombin Time LP-HAEM-0058 Operation of the CS Series Analysers
1030 Haematology - .57 Screening test for infectious mononucleosis	Infectious Mononucleosis Screening	Plasma or serum			Qualitative detection of Heterophile antibodies	LP-HAEM-0042 Infectious Mononucleosis Screen by Clearview IM

# Pathology Department

## 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/Leica stainer	CE Marked	N/A	LP-HISTO-0134
	Coverslipping		Automated/Leica Coverslipper	CE Marked	N/A	LP-HISTO-0134
	Cut Up		Manual/AFOS Bench, Leica IPC	Based on Standard Method	N/A	LP-HISTO-0031
	Decalcification		Manual	Based on Standard Method	N/A	LP-HISTO-0031
	Embedding		Automated/Leica Embedding Centre	CE Marked	N/A	LP-HISTO-0076
	Manual Haematoxylin and Eosin Staining		Manual	Based on Standard Method	N/A	LP-HISTO-0059, LP-HISTO-0064
	Microtomy		Manual/Microtome (Microm), Eprelia Slidemate AS Printer	Based on Standard Method	N/A	LP-HISTO-0033
			Manual/Microtome (Microm), Thermo Scientific Slidemate Printer	Based on Standard Method	N/A	LP-HISTO-0033
	Tissue Processing		Automated/ Sakura VIP 6 AI	CE Marked	N/A	LP-HISTO-0128
1051 Histopathology - .02 Processing fresh specimens for frozen section examination	Cut Up		Manual	Based on Standard Method	N/A	LP-HISTO-0031
	Frozen Section Cryotomy & Staining		Manual/Cryostat	Based on Standard Method	N/A	LP-HISTO-0040, LP-HISTO-0041

1051 Histopathology - .03 Histochemistry	Alcian Blue		Manual	Based on Standard Method	N/A	LP-HISTO-0002
	Alcian Blue/DPAS		Manual	Based on Standard Method	N/A	LP-HISTO-0050
	Alcian Blue/PAS		Manual	Based on Standard Method	N/A	LP-HISTO-0006
	Congo Red		Manual	Based on Standard Method	N/A	LP-HISTO-0122
	Diastase Periodic Acid Schiffs Reaction (DPAS)		Manual	Based on Standard Method	N/A	LP-HISTO-0007
	Gomori's Reticulin		Manual	Based on Standard Method	N/A	LP-HISTO-0009
	Gram Stain		Manual	Based on Standard Method	N/A	LP-HISTO-0004
	Grocott Technique		Manual	Based on Standard Method	N/A	LP-HISTO-0020
	Haematoxylin Van Gieson		Manual	Based on Standard Method	N/A	LP-HISTO-0038
	Martius Scarlet Blue (MSB)		Manual	Based on Standard Method	N/A	LP-HISTO-0017
	Masson Fontana		Manual	Based on Standard Method	N/A	LP-HISTO-0015
	Masson Trichrome		Manual	Based on Standard Method	N/A	LP-HISTO-0011
	Miller's EVG		Manual	Based on Standard Method	N/A	LP-HISTO-0014
	Periodic Acid Schiffs Reaction (PAS)		Manual	Based on Standard Method	N/A	LP-HISTO-0005
	Perls Prussian Blue		Manual	Based on Standard Method	N/A	LP-HISTO-0008
Warthin & Starry Method		Manual	Based on Standard Method	N/A	LP-HISTO-0125	
Ziehl-Neelsen (ZN)		Manual	Based on Standard Method	N/A	LP-HISTO-0012	
1051 Histopathology - .035 Histological	Diagnostic Interpretation and	Human Tissue Human Tissue or	Manual/Microscope	Based on Standard Method	N/A	LP-HISTO-0034, LP-HISTO-0080, LP-

Interpretation	reporting of Human tissue specimens. Specialist areas excluded: Medical Renal Pathology, Paediatric Pathology, Perinatal Pathology, Neuropathology, Breast Screening Pathology. Specialist areas included: Cytopathology (non-gynae)	fluid				HISTO-0081, LP-HISTO-0082, LP-HISTO-0083, LP-HISTO-0084, LP-HISTO-0085, LP-HISTO-0091, LP-HISTO-0097, LP-HISTO-0098, LP-HISTO-0099, LP-HISTO-0100
			Manual/Microscope/Nikon Eclipse Ci-L	Based on Standard Method	N/A	LP-HISTO-0034, LP-HISTO-0080, LP-HISTO-0081, LP-HISTO-0082, LP-HISTO-0083, LP-HISTO-0084, LP-HISTO-0085, LP-HISTO-0091, LP-HISTO-0097, LP-HISTO-0098, LP-HISTO-0099, LP-HISTO-0100
1051 Histopathology - .09 Immunohistochemistry	34BE12	Human Tissue	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
	AE1AE3		Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
	AFP		Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
	ALK-1		Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
	Androgen Receptor		Ventana Benchmark Ultra	Automated Antibody-Antigen Reaction		LP-HISTO-0112 Ventana Benchmark Ultra, LP-HISTO-0115; Operation of

				the Ventana Benchmark Ultra, LP-HISTO-0116 Maintenance of the Ventana Benchmark
Arginase-1	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
B-Catenin	Ventana Benchmark Ultra	Automated Antibody-Antigen Reaction		LP-HISTO-0112 Ventana Benchmark Ultra, LP-HISTO-0115; Operation of the Ventana Benchmark Ultra, LP-HISTO-0116 Maintenance of the Ventana Benchmark
BCL2	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
BCL6	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
Ber-EP4	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
CA 125	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
Ca19.9	Ventana Benchmark Ultra	Automated Antibody-Antigen Reaction		LP-HISTO-0112 Ventana Benchmark Ultra, LP-HISTO-0115; Operation of the Ventana Benchmark Ultra, LP-HISTO-0116 Maintenance of the Ventana Benchmark

Caldesmon	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
Calretinin	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
CAM 5.2	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
CD10	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
CD117	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
CD138	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
CD15	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
CD20	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
CD23	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
CD3	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
CD30	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
CD31	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
CD34	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116

CD4	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
CD45 (LCA)	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
CD5	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
CD56	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
CD68	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
CD79a	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
CD8	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
CD99	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
CDX2	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
CEA	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
Chromogranin	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
CK19	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
CK20	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116

CK5/6	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
CK7	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
CK8-18 (LMW)	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
CMV	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
Cyclin-D1	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
D240	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
Desmin	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
E-Cadherin	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
EMA	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
ER	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
Factor VIII Related Antigen	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
GATA3	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
Glypican 3	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116



HCG	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
Helicobacter Pylori	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
HER2	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
HMB45	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
Inhibin	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
Kappa	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
Ki-67	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
Lambda	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
MelanA	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
MLH1	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
MSH2	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
MSH6	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
MUM-1	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116

Muscle Specific Actin	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
Myeloperoxidase	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
NAPSIN-A	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
NKX 3.1	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
P16	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
P40	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
P504S	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
P53	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
P57	Ventana Benchmark Ultra	Automated Antibody-Antigen Reaction		LP-HISTO-0112 Ventana Benchmark Ultra, LP-HISTO-0115; Operation of the Ventana Benchmark Ultra, LP-HISTO-0116 Maintenance of the Ventana Benchmark
P63	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
PAX-2	Ventana Benchmark Ultra	Automated Antibody-Antigen Reaction		LP-HISTO-0112 Ventana Benchmark Ultra, LP-HISTO-0115; Operation of

				the Ventana Benchmark Ultra, LP-HISTO-0116 Maintenance of the Ventana Benchmark
PAX-5	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
PAX-8	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
PLAP	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
PMS2	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
Progesterone Receptor	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
PSA	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
PSAP	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
S100	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
SATB2	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
SMA	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
SOX10	Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
Synaptophysin	Automated/Ventana	CE Marked	N/A	LP-HISTO-0112, LP-

			Benchmark Ultra			HISTO-0115, LP-HISTO-0116
	TdT		Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
	TTF-1		Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
	Vimentin		Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
	WT1		Automated/Ventana Benchmark Ultra	CE Marked	N/A	LP-HISTO-0112, LP-HISTO-0115, LP-HISTO-0116
1052 Cytopathology - .02 Non gynaecological cytology	Cell Block Preparation	Human Tissue/ Fluid	Manual/Automated/Centrifuge	CE Marked	N/A	LP-HISTO-0130
	Coverslipping		Manual/Automated/Leica Coverslipper	CE Marked	N/A	LP-HISTO-0134, LP-HISTO-0064
	Processing		Automated/Thin Prep Genesis	CE Marked	N/A	LP-HISTO-0043, LP-HISTO-0027, LP-HISTO-0048, LP-HISTO-0025, LP-HISTO-0045, LP-HISTO-0111, LP-HISTO-0138
			Manual/Automated/Thin Prep 2000, Cytocentrifuge	CE Marked	N/A	LP-HISTO-0043, LP-HISTO-0027, LP-HISTO-0048, LP-HISTO-0025, LP-HISTO-0045, LP-HISTO-0111
	Staining		Automated/Leica stainer	CE Marked	N/A	LP-HISTO-0134
			Manual/Automated	CE Marked	N/A	LP-HISTO-0133
1052 Cytopathology - .04 Cytopathological interpretation	Diagnostic Interpretation and Reporting of non-gynaecological Cytology		Manual/Microscope	Based on Standard Method	N/A	LP-HISTO-0034, LP-HISTO-0081, LP-HISTO-0083, LP-HISTO-0084, LP-HISTO-0091, LP-

						HISTO-0098, LP- HISTO-0100, LP- HISTO-0097
			Manual/Microscope/Nikon Eclipse Ci-L	Based on Standard Method	N/A	LP-HISTO-0034, LP- HISTO-0081, LP- HISTO-0083, LP- HISTO-0084, LP- HISTO-0091, LP- HISTO-0098, LP- HISTO-0100, LP- HISTO-0097

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
<p>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)</p>	<p>Microscopic examination of General bacteriology</p>	<p>Swabs: eye, ear, throat, genital, nose, mouth, superficial and deep seated wounds. IV Cannulae and fluids from normally sterile body sites . sputum, pus, tissue, urine, CSF, Faeces, Screening swabs (MRSA, VRE, CPE)</p>	<p>Light Microscope</p>	<p>Microscopic examination with or without fixation and staining with dyes for enumeration and description of human cells. Based on UK Standards for Microbiology Investigations, Public Health England</p>		<p>LP-MICRO-0009, LP-MICRO-0018, LP-MICRO-0010, LP-MICRO-0014, LP-MICRO-0012, LP-MICRO-0001, LP-MICRO-0002, LP-MICRO-0004, LP-MICRO-0007, LP-MICRO-0008, LP-MICRO-0019,</p>

						LP-MICRO-0016, LP-MICRO-0022, LP-MICRO-0030, LP-MICRO-0006, LP-MICRO-0020, LP-MICRO-0066, LP-MICRO-0029, LP-MICRO-0036, LP-MICRO-0037
1013 Culture of organisms in liquid or agar based culture media with visual or instrument monitoring for growth - .01 Culture of general bacteria	Blood Culture Analysis	Blood/body fluids	BacT/ALERT Virtuo system for Blood Cultures/Colorimetric detection	CE	Positive/Negative	EQ-MICRO-0025 LP-MICRO-0028
	Culture of general bacteria	Swabs: eye, ear, throat, genital, nose, mouth, superficial and deep seated wounds. Cannulae and fluids from normally sterile body sites . sputum, pus, tissue, urine, CSF, Faeces, Screening swabs (MRSA, VRE, CPE)	Culture Media IV	Culture, sensitivity testing as required		LP-MICRO-0009, LP-MICRO-0018, LP-MICRO-0010,





						0029, LP- MICRO- 0036, LP- MICRO- 0037
1014 Detection of bacterial, parasite, viral or fungal antigens using specific antibodies and appropriate techniques - .04 Immunochromatographic methods,	Clostridium Difficile GDH and Toxin	Faeces	Kit	Immunochromatographic.	Positive/ Negative	LP- MICRO- 0099
	Legionella Urine Antigen	Urine	Kit	Immunochromatographic.	Positive/ Negative	LP- MICRO- 0062
	Rotavirus/ Adenovirus	Faeces	Kit	Immunochromatographic.	Positive/ Negative	LP- MICRO- 0036
	Urinary Pneumococcal antigens	Urine	Kit	Immunochromatographic.	Positive/ Negative	LP- MICRO- 0063
1015 Detection and/or identification of bacterial, parasite, fungal and viral nucleic acids - .03 Nucleic acid amplification tests, CE marked commercial systems	Blood culture ID 2 panel (BCID2)	Blood culture broth	Biofire Filmarray Torch	CE	Detected/Not Detected	EQ- MICRO- 0028, LP- MICRO- 0121
	C difficile	Faeces	GeneXpert/ PCR	CE	Qualitative	LP- MICRO- 0110
	Carbapenemase producing enterobacterales (CPE) screening	Copan faecal swabs	Roche FLOW Flex	CE	Detected/Not Detected	EQ- MICRO- 0021, LP- MICRO- 0108

	Meningitis/encephalitis panel (ME)	CSF	Biofire Filmarray Torch	CE	Detected/Not Detected	EQ-MICRO-0028, LP-MICRO-0220
	Respiratory 2.1 plus panel (RP2.1 plus)	Nasopharyngeal/oropharyngeal swabs	Biofire Filmarray Torch	CE	Detected/Not Detected	EQ-MICRO-0028, LP-MICRO-0119
	SARS-CoV-2	Nasopharyngeal/Oropharyngeal swabs	GeneXpert/RT-PCR	CE	Positive/Negative	EQ-MICRO-0023 LP-MICRO-0111
		Nasopharyngeal/oropharyngeal swabs	Roche Cobas 6800	CE	Detected/Not Detected	EQ-MICRO-0027, LP-MICRO-0118
	SARS-CoV-2, Influenza A/B, RSV	Nasopharyngeal/Oropharyngeal swabs	GeneXpert/RT-PCR	CE	Positive/Negative	EQ-MICRO-0023 LP-MICRO-0112
1016 Identification of cultured bacteria and fungi using non-nucleic acid based techniques - .01 Biochemical methods, CE marked commercial systems	Commercial Biochemical Identification	IV Isolates from swabs: eye, ear, throat, genital, nose, mouth, superficial and deep seated wounds. Cannulae and fluids from normally sterile body sites . sputum, pus, tissue, urine, CSF, Faeces, Screening swabs (MRSA, VRE, CPE)	Vitek 2	Vitek ID Cards		LP-MICRO-0038-44 LP-MICRO-0046, LP-MICRO-0048-58, LP-MICRO-

						0064-66, LP-MICRO-0068-70,
1016 Identification of cultured bacteria and fungi using non-nucleic acid based techniques - .04 Identification using MALDI-TOF Spectroscopy	Identification using MALDI-TOF		Vitek MS/ Maldi-Tof	Mass Spectrophotometry		LP-MICRO-0038-44 LP-MICRO-0046, LP-MICRO-0048-58, LP-MICRO-0064-66, LP-MICRO-0068-70,
1017 Measurement of antimicrobial activity and application of clinical interpretive criteria to general bacteria (rapidly growing aerobes) - .03 Yeasts	Antifungal Susceptibility	Yeast isolates	Manual	Sensititre		MP-MICRO-0015
1017 Measurement of antimicrobial activity and application of clinical interpretive criteria to general bacteria (rapidly growing aerobes) - .05 Other categories of organism (as specified)	Antibiotic Susceptibility	Isolates from Swabs: eye, ear, throat, genital, nose, mouth, superficial and deep seated wounds. IV Cannulae and fluids from normally sterile body sites . sputum, pus, tissue, urine, CSF, Faeces, Screening swabs (MRSA, VRE, CPE)	Manual	MIC Strips		MP-MICRO-0015
			Vitek 2	Vitek Susceptibility Cards		EQ-Micro-

						0002, MP-MICRO-0015
		Isolates from Swabs: eye, ear, throat, genital, nose, mouth, superficial and deep-seated wounds. IV Cannulae and fluids from normally sterile body sites. Sputum, pus, tissue, urine, CSF, Faeces, Screening swabs (MRSA, VRE, CPE)	Zone Reader	Disc Diffusion		EQ-Micro-0015, MP-MICRO-0015
1018 Detection of antibody response to infection using appropriate CE marked commercial techniques - .07 Chemiluminescent microparticle immunoassay, using CE marked commercial systems	Anti Hepatitis B	Serum	Roche e801	Electrochemiluminescence Immunoassay	2-1.000 IU/L	LP-CHEM-004
	Anti Streptolysin O (ASO)		Roche c702 Immunoturbidimetric	CE		LP-CHEM-004
	Hepatitis A		Roche E801	Electrochemiluminescence Immunoassay	Standard Method	LP-CHEM-004
	Hepatitis B		Roche E801	Electrochemiluminescence SANDWICH STEP 2	Standard method	LP-CHEM-004
	Hepatitis C		Roche E801	Electrochemiluminescence SANDWICH STEP2	Standard method	LP-CHEM-004
	HIV		Roche E801	Electrochemiluminescence/SANDWICH STEP 2	Standard Method	LP-CHEM-004

	Rubella		Roche e801	Standard	Standard Method	LP-CHEM-004
	Syphilis		Roche E801	Electrochemiluminescence	Standard Method	LP-CHEM-004
1024 Preservation of microbial cultures	Preservation of microbial cultures	Isolates	Frozen	Storage Beads		LP-MICRO-0026
1029 Miscellaneous - .01 Semen analysis (Screening Test)	Semen Analysis	Semen	Phase Microscopy	Manual		LP-MICRO-0031