

Schedule of Accreditation



Organisation Name	Beaumont Hospital
Trading As	
INAB Reg No	225MT
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Accreditation Standard	ISO 15189
Date Initially Awarded	07/04/2009
Scope Classification	Microbiology and virology
Scope Classification	Blood Transfusion Science
Scope Classification	Histopathology and cytopathology
Scope Classification	Genetics
Services available to the public ¹	Yes

¹ Refer to document on interpreting INAB Scopes of Accreditation

Sites from which accredited services are delivered	
(the detail of the accredited services delivered at each site are on the Scope of Accreditation)	
Name	Address
1 Head Office	Clinical Directorate of Laboratory Medicine, Beaumont, Dublin, D9

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)	Whole Blood	Manual/Gel Cards	N/A	N/A	BTD-P-004
1020 Transfusion science - .02 Blood grouping including ABO, Rh(D) and other antigens by automated methods			Automated/IH-1000	N/A	N/A	BTD-P-004
1020 Transfusion science - .03 Blood group antibody screen			Automated/IH-1000	N/A	N/A	BTD-P-004
			Manual/Gel Cards	N/A	N/A	BTD-P-004
1020 Transfusion science - .04 Identification of blood group antibodies	Antibody Identification	Plasma	Automated/IH-1000	N/A	N/A	BTD-P-007
			Manual/Gel Cards	N/A	N/A	BTD-P-007
1020 Transfusion science - .05 Cross match compatible donor units	Compatibility Testing		Automated/IH-1000	N/A	N/A	BTD-P-073 BTD-P-011
			Manual/Gel Cards	N/A	N/A	BTD-P-073 BTD-P-011
1020 Transfusion science - .06 Red cell phenotyping	Red Cell Phenotyping	Red Cells	Automated/IH-1000	N/A	N/A	BTD-P-008
			Manual/Gel Cards	N/A	N/A	BTD-P-008
1020 Transfusion science - .08 Antibody titration	ABO Antibody Titre	Plasma	Manual/Gel Cards	N/A	N/A	BTD-P-014
1020 Transfusion science - .09 Direct antiglobulin test	Direct Antiglobulin Testing	Red Cells	Automated/IH-1000	N/A	N/A	BTD-P-008
			Manual/Gel Cards	N/A	N/A	BTD-P-008

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)

Genetics

Category: A

Medical pathology field - Test	Test/assay	Specimen Type	Technique	Equipment	Method (CE/Non-CE/In house developed/based on standard method)	Std. Ref & SOP
1075 Molecular genetics - .99 Miscellaneous tests	Detection of PrPsc By Western Blotting in Query CJD Cases	Human Tissue or Fluid	Western blotting	Electrophoresis equipment	Non-CE/Based on standard method	LP-NCJD-PRPWESTERN
1076 Molecular pathology - .01 Assay for somatic variants in DNA sequence(s)	Determination of 1p/19q Status in Gliomas by a CGH and Renal Pathology Using Microarray Based Comparative Genomic Hybridisation	Human Tissue or Fluid	Microarray based comparative genomic hybridisation	Molecular devices - Microarray scanner	Non-CE/Based on standard method	LP-NEU-ArrayCGH
	IDH1 and IDH2 pyrosequencing		Pyrosequencing	Pyrosequencer	Non-CE/Based on standard method	LP-NEU_IDH1 and IDH2_Seq
	Methylation Analysis of MLH1		DNA	Pyrosequencing	PyroMark Q24	In house developed test using CE marked kits.
	MGMT	Human Tissue	Automated/Thermocycler/Pyrosequencer	CE Marked	N/A	LP-NEU-MGMTMETHYLATION
1076 Molecular pathology - .99 Miscellaneous tests	BRAF	Human Tissue	Automated/PCR Machine	CE Marked	N/A	LP-NEU-BRAF:KIAA1549 qPCR fusion assay

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/DRS Stainer	CE Marked	N/A	LP-HIS-HEMicQA LP-NEU-HEMicQA LP-NEU-QAH&E LP-HIS-HESiDRS
	Coverslipping		Automated/Coverslipper	CE Marked	N/A	LP-HIS-HECoverstainer
	Cut Up		Manual	Based on Standard Method	N/A	LP-HIS-SpecRec LP-HIS-CutUpAM LP-NCJD-BrainCut LP-NEU-CutUp LP-NEU-SpecReception LI-HIS-TissBank LI-HIS-SmallDicDis LI-HIS-GCD LI-HIS-BxDict LP-HIS-RapHE
	Decalcification		Manual	Based on Standard Method	N/A	LP-HIS-Decal LP-NEU-SpecDecal
	Dissection by Medical Scientist		Manual	Based on Standard Method	N/A	LP-HIS-SmallSDis
	Embedding		Automated/Embedding Centre	CE Marked	N/A	LP-HIS-EmbBI LP-NEU-EmbBI LP-NCJD-H&E
	Manual Haematoxylin and Eosin Staining		Manual	Based on Standard Method	N/A	LP-NCJD-H&E LP-NEU-RapH&E LP-HIS-RapHE LP-NEU-HEM
	Microtomy		Manual/Microtome	Based on Standard Method	N/A	LP-NEU-Microtomy LP-HIS-MicroPB LP-NCJD-H&E LP-EM-SemiThin LP-EM-UltraThin LP-HIS-SpCutPrep
	Tissue Processing		Automated/Tissue Tek VIP	CE Marked	N/A	LP-HIS-VIPProc LP-EM-LeicaEMTP LP-NCJD-Processor LP-TissueTransfer LP-HIS-VIPProc

				LP-HIS-RapHE	
1051 Histopathology - .02 Processing fresh specimens for frozen section examination	Cut Up	Manual	Based on Standard Method	N/A	LP-HIS-CutUpAM LP-NCJD-BrainCut LP-NEU-CutUp
	Frozen Section Cryotomy & Staining	Manual/Cryostat	Based on Standard Method	N/A	LP-NEU-FSUrgent LP-HIS-FSProc LP-HIS-RapHE
1051 Histopathology - .03 Histochemistry	Alcian Blue Technique for Acid Mucins	Manual	Based on Standard Method	N/A	LP-HIS-SpAb
	Chloracetate Esterase (CAE)	Manual	Based on Standard Method	N/A	LP-HIS-SpCAE
	Combined Alcian Blue/Periodic Acid Schiffs reaction	Automated/Artisan	CE Marked	N/A	LP-HIS-SpArtisanLink
	Congo Red for Amyloid	Manual	Based on Standard Method	N/A	LP-HIS-SpCR
	Cresyl Violet	Automated	Based on Standard Method	N/A	LP-NEU-CresylViolet
	Diastase Periodic Acid Schiffs Reaction (DPAS)	Manual	Based on Standard Method	N/A	LP-NEU-DiastasePAS
	Elastic Van Gieson - EVG	Manual	Based on Standard Method	N/A	LP-HIS-SpEVG
	Giemsa Stain for Helicobacter	Manual	Based on Standard Method	N/A	LP-HIS-SpHLO
	Gomori Trichrome Stain	Manual	Based on Standard Method	N/A	LP-NEU-GomoriTrichrome
	Gordon & Sweets Method for Reticular Fibres	Automated/Artisan	CE Marked	N/A	LP-HIS-SpArtisanLink
	Gram Twort Stain for Demonstration of Bacteria	Manual	Based on Standard Method	N/A	LP-HIS-SpGram
	Grocott Technique for PCP/Fungi	Automated/Artisan	CE Marked	N/A	LP-HIS-SpArtisanLink
	Haematoxylin & Eosin	Automated	Based on Standard Method	N/A	LP-HIS-HECoverStainer
	Luxol Fast Blue	Manual	Based on Standard Method	N/A	LP-NEU-LFB
	Martius Scarlet Blue for Fibrin (MSB)	Manual	Based on Standard Method	N/A	LP-HIS-SpMSB
	Masson Fontana	Manual	Based on Standard Method	N/A	LP-HIS-SpMF
	Masson Trichrome	Automated/Artisan	CE Marked	N/A	LP-HIS-SpArtisanLink
	MGG	Manual	Based on Standard Method	N/A	LP-CYT-MGG
	Oil Red O	Manual	Based on Standard Method	N/A	LP-NEU-ORO
	Periodic Acid Methemaline Silver (PASM)	Automated	Based on Standard Method	N/A	LP-HIS-SpArtisanLink
Periodic Acid	Automated/Artisan	CE Marked	N/A	LP-HIS-	

	Schiffs Reaction (PAS)				SpArtisanLink
	Perls Prussian Blue Method for Ferric Iron	Automated/Artisan	CE Marked	N/A	LP-HIS-SpArtisanLink
	Sirius Red for Amyloid	Manual	Based on Standard Method	N/A	LP-HIS-SpSRAmy
	Sirius Red/Congo Red - Amyloid Staining +/- (KMNO4) Pre-Treatment	Manual	Based on Standard Method	N/A	LP-HIS-SpSR/CRPP+/-
	Von Kossa to Detect Calcium	Manual	Based on Standard Method	N/A	LP-HIS-SpVonK
	Warthin & Starry Method	Automated/Artisan	CE Marked	N/A	LP-HIS-SpArtisanLink
	Ziehl-Neelsen (ZN)	Automated	Based on Standard Method	N/A	LP-HIS-SpArtisanLink
1051 Histopathology - .035 Histological Interpretation	Diagnostic interpretation and reporting	Manual/Microscope	Based on Standard Method	N/A	LP-HIS-RepCons
1051 Histopathology - .04 Histological interpretation-medical renal pathology	Diagnostic interpretation and reporting of human tissue specimens. Medical Renal Pathology	Manual/Microscope	Based on Standard Method	N/A	LP-HIS-RepCons
1051 Histopathology - .07 Histological interpretation-neuropathology	Diagnostic interpretation and reporting	Manual/Microscope	Based on Standard Method	N/A	LP-HIS-RepCons
1051 Histopathology - .09 Immunohistochemistry	34BE12	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
	AE1AE3	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
	ALK (D5F3)	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
	Alk Protein	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
	Apha Fetprotine	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
	BCAT (Catenin-Beta)	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
	BCL2	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
	BCL6	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
	BEP63	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
	BER EP4	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
	C4d	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
	Calcitonin	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
	Calretinin	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
	CAM 5.2	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun

CD10	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
CD138	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
CD15	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
CD1a	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
CD2	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
CD21	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
CD23	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
CD3	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
CD31	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
CD34	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
CD4	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
CD45 (CLA)	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
CD5	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
CD53	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
CD57	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
CD68 (KP-1)	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
CD7	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
CD79a	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
CD8	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
CD99	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
CDX2	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
CEA	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
Chromogranin	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
CK20	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
CK5/6	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
CK7	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
Ckit (CD117)	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
CMV	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun

CMYC
COSD
Cyclin-D1
Desmin (Clone 33)
DOG-1
E-Cadherin
EMA
F8 RE AG
GCDFP15
GFAP
Glycophorin
HCG
HEPAR 1
HLO
HMB45
HSV40 (EQA Cork)
Inhibin
Kappa
Ki-1 (CD30)
L26 (CD20)
Lambda
Lysozyme
MAD
Mast Cell Tryptase
Melanin-A
MIB-1 (Ki-67)
MLH1

Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
Manual	Based on Standard Method	N/A	LP-NEU-COXSHD
Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
Benchmark Ultra	CE Marked	SOP	
Immunohistochemistry	CE Marked	N/A	VPA-HIS-DOG-1&HLO
Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
Benchmark Ultra LT	CE Marked	SOP	
Immunohistochemistry	CE Marked	N/A	VPA-HIS-DOG-1&HLO
Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
Manual	Based on Standard Method	N/A	LP-NEU-MAD
Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun

MNHCF	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
MPH	Manual	Based on Standard Method	N/A	LP-NEU-MPH
MSA	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
MSH2	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
MSH6	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
MUM-1	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
Myeloperoxidase	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
NACTH	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NADH-TR	Manual	Based on Standard Method	N/A	LP-NEU-NADH-TR
NAE1/3	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NAPPA4	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NAPSIN-A	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
NASRC	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NBA4	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NBCL2	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NBCL6	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NBDG	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NBSRC	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NCAV	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NCD10	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NCD117	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NCD138	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NCD15	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NCD1a (EQA Cork)	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NCD21	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NCD23	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NCD3	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax

NCD30	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NCD31	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NCD34	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NCD56	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NCD68 (KP-1)	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NCD79a	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NCD99 (EQA Cork)	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NCDX2	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NCEA	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NCHROM	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NCK20	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NCK5/6	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NCK7	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NCLA	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NCM5.2	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NCMV (EQA Cork)	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NCOLL6	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NDES	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NDFERL	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NDSRC	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NDYS1	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NDYS2	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NDYS3	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NEBVIS	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NEMER	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
Neurofilament	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
NFILA	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax

NFSH	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NGAB1	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NGFAP	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NGH	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NGSRC	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NHLA1	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NHMB45	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NHSV1 (EQA Cork)	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NHSV2 (EQA Cork)	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NIDH1	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NIN1 (EQA Cork)	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NINTER	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NKAPIS	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NL26	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NLAMB2	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NLAMC	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NLAMIS	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NLAMP1 (EQA Cork)	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NLAMP2 (EQA Cork)	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NLH	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NMEA	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NMELA	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NMER	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NMHCS	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NMIB1	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NMSA	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NMUM1	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NNEST (EQA Cork)	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax

NNEUN	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NNF312	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NNK52	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NNSE (EQA Cork)	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NOCT (EQA Cork)	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NP62	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NPGP (EQA Cork)	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NPL3F4 (CJD)	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NPLAP (EQA Cork)	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NPLASY (CJD)	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NPLATU (CJD)	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NPLBA4 (CJD)	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NPLGFA (CJD)	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NPRO	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NSE	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
NSPEC	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NSYN38	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NSYNUC (EQA Cork)	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NTAU	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NTSH	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NTTF1	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NUBUQ (EQA Cork)	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NWT1 (EQA Cork)	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
NYAP	Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
OCT3/4	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
Oestrogen Receptor	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
P504S	Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun

	P53		Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
	P63		Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
	PAX-5		Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
	PAX-8		Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
	PDL-1		Benchmark XT	CE Marked	N/A	LI-HIS-ImxAbSpec
	PFK		Manual	Based on Standard Method	N/A	LP-NEU-PFK
	PLAP		Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
	Progesterone Receptor		Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
	PSA		Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
	PSM2		Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
	S100 Protein		Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
	SMMYO		Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
	SMSA		Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
	Synactophysin		Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
	TARDBP		Automated/BondMax	CE Marked	N/A	LP-NEU-BondMax
	TdT		Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
	Thyroglobulin		Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
	TTF-1		Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
	Vimentin		Automated/Benchmark	CE Marked	N/A	LP-HIS-ImXBenRun
1051 Histopathology - .10 Fluorescence in situ hybridisation	ALK Break Apart		Leica Microsystems Bond III	CE Marked	N/A	MOL-LP-049
	ROS1 Break Apart		Leica Microsystems Bond III	CE Marked	N/A	MOL-LP-049
1051 Histopathology - .12 Electron microscopy	Electron Microscopy		EM Scope	CE Marked	SOP	
	Reporting of EM Findings	Fluid	Manual/Microscope	Based on Standard Method	N/A	LP-HIS-RenPathServ
	Reporting of EM findings by Consultant Renal Pathologist	Human Tissue	Manual/Microscope	Based on Standard Method	N/A	LP-HIS-RenPathServ
			Electron Microscope	CE Marked	N/A	LP-HIS-RenPathServ
1051 Histopathology - .13 Molecular testing	ALK Break Apart		Fluorescence In Situ Hybridization	CE Marked	N/A	MOL-LP-049
	BRAF Mutation testing		Molecular Testing	CE Marked	N/A	MOL-LP-047

			Sequinom	Next Generation Sequencing	N/A	MOL-LP-047
	BRAF Mutation testing		Roche COBAS z480	CE Marked	N/A	MOL-LP-047
	EGFR Mutation testing		Molecular Testing	CE Marked	N/A	MOL-LP-048
	EGFR Mutation testing		Roche COBAS z480	CE Marked	N/A	MOL-LP-048
	KRAS Mutation testing		Molecular Testing	In house developed test using CE marked kits.	N/A	MOL-LP-050
	MLH 1 Hyper Methylation		PyroMark Q24 Pyrosequencer	Pyrosequencing	N/A	MOL-LP-051
	NRAS Mutation testing		Molecular Testing	In house developed test using CE marked kits.	N/A	MOL-LP-050
	ROS1 Break Apart		Fluorescence In Situ Hybridization	CE Marked	N/A	MOL-LP-049
	Sample/Tissue identification		Molecular Testing	In house developed test using CE marked kits.	N/A	MOL-LP-051
1052 Cytopathology - .02 Non gynaecological cytology	MGG Stain	Fluid	Automated/DRS Stainer	CE Marked	N/A	LP-CYT-PAPDRS
		Human Tissue	Automated/DRS Stainer	CE Marked	N/A	LP-CYT-PAPDRS
	PAP Stain	Fluid	Automated/DRS Stainer	CE Marked	N/A	LP-CYT-MGG
		Human Tissue	Automated/DRS Stainer	CE Marked	N/A	LP-CYT-MGG
	Preparatio of Specimens (ThinPrep, Agar, MGG, H&E)	Fluid	Manual/Thin Prep	Based on Standard Method	N/A	LP-CYT-TPPrep LP-NEU-Agar LP-NEU-CSFCytology
		Human Tissue	Manual/Thin Prep	Based on Standard Method	N/A	LP-CYT-TPPrep LP-NEU-Agar LP-NEU-CSFCytology
	Sample Preparation & Description	Fluid	Manual	Based on Standard Method	N/A	LP-CYT-SpecRec
		Human Tissue	Manual	Based on Standard Method	N/A	LP-CYT-SpecRec
1052 Cytopathology - .04 Cytopathological interpretation	Diagnostic Interperation and Reporting of Non-Gycnaecological Specimens	Fluid	Manual/Microscope	Based on Standard Method	N/A	QP-CYT-QASlidRep
		Human Tissue	Manual/Microscope	Based on Standard Method	N/A	QP-CYT-QASlidRep

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	Based on Standard Method	N/A	LP-MIC-Respiratory LP-MIC-CSF LP-MIC-Faeces
1012 Preparation of films on glass slides followed by microscopic examination with or without fixation and staining with dyes as required - .01 Microscopic examination for general bacteriology purposes (including enumeration and description of human cells)	Cell Counts and Differential	Urines, Fluids, CSF	Microscopy/Light Microscope	Based on Standard Method	N/A	LP-MIC-SpecimenPutUp LP-MIC-CSF LP-MIC-Urines LP-MIC-Wounds & Fluids
	Gram Staining	Eye Swab, High Vaginal Swab, Cervical/Urethral Swabs, IUCD, VP Shunts, Fluids, CSF, Tissues/Biopsies, Bone, Pus, Theatre Specimens	Staining & Microscopy/Light Microscope	Based on Standard Method	N/A	LP-MIC-STI LP-MIC-OrganismIdentification LP-MIC-TestMethodologies LP-MIC-Wounds & Fluids
1012 Preparation of films on glass slides followed by microscopic examination with or without fixation and staining with dyes as required - .02 Microscopic examination for parasites	Microscopic Examination for Parasites	Faeces, Urine	Concentration & Microscopy/Light Microscope	Based on Standard Method	N/A	LP-MIC-OvaandParasites LP-MIC-Urine
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 for Fungi	Nail, Skin, Scalp	Staining & Microscopy/Fluorescent Microscope	Based on Standard Method	N/A	LP-MIC-Fungi
1012 Preparation of films on glass slides followed by microscopic examination with or without fixation and staining with dyes as required - .04	Microscopic Examination for Mycobacteria	Sputum, Bronchoalveolar Lavage, Tracheal Aspirate, urine, Fluids, CSF, Tissues/Biopsies, Bone/Pus, Blood,	Staining & Microscopy/Fluorescent Microscope	Based on Standard Method	N/A	LP-MIC-TB

Microscopic examination for mycobacteria		Swabs				
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 Bacteria	Tracheal Aspirate, Sputum, Bronchoalveolar Lavage, Eye Swab, High Vaginal Swab, IUUD, VP Shunts, Urine, Fluids, CSF, Tissues/Biopsies, Bone, Pus, Penile/Urethral Swab, Endocervical Swab, Tips, Drains, Faeces, Mouth Swabs, Wound Swabs, Ear Swabs, Throat Swabs, Theatre Specimens, Sinus Aspirate, Nasal Swabs, Pressure Sores, Abscesses, Intravascular Cannulae, CSF Shunts, MRSA Swab, VRE Swab, CRE Swab, Bile, Ulcer Swabs, Surveillance Specimens, Environmental Specimens	Manual/Culture	Based on Standard Method	N/A	LP-MIC-SpecimenPutUp LP-MIC-CSF LP-MIC-Respiratory LP-MIC-Urines LP-MIC-Wounds & Fluids LP-MIC-STI LP-MIC-Faeces LP-MIC-OrganismIdentification LP-MIC-TestMethodologies
1013 Culture of organisms in liquid or agar based culture media with visual or instrument monitoring for growth - .02 Culture of fungi	Culture of Fungi	Nail, Skin, Scalp	Manual/Culture	Based on Standard Method	N/A	LP-MIC-Fungi
1013 Culture of organisms in liquid or agar based culture media with visual or instrument monitoring for growth - .03 Culture of mycobacteria	Culture of Mycobacteria	Sputum, Bronchoalveolar Lavage, Tracheal Aspirate, Urine, Fluids, CSF, Tissues/Biopsies, Bone/Pus, Blood, Swabs	Automated/BD Bactec MGIT 960	CE Marked	N/A	LP-MIC-TB
1014 Detection of bacterial, parasite, viral or fungal antigens using specific antibodies and appropriate techniques - .01 Slide agglutination,	Shigella and Salmonella Typing	Isolate	Manual/Slide Agglutination	CE Marked	N/A	LP-MIC-Faeces
1014 Detection of bacterial, parasite, viral or fungal antigens using specific antibodies and appropriate techniques - .02 Particle agglutination	Pastorex		Manual/Particle Agglutination	CE Marked	N/A	LP-MIC-TestMethodologies

	Streptococcal Grouping Latex Test		Manual/Particle Agglutination	CE Marked	N/A	LP-MIC-TestMethodologies
1014 Detection of bacterial, parasite, viral or fungal antigens using specific antibodies and appropriate techniques - .03 Enzyme immunoassay,	H. Pylori	Faeces	Immunoassay/Plate Reader	CE Marked	N/A	LP-MIC-Faeces-Miscellaneous
1014 Detection of bacterial, parasite, viral or fungal antigens using specific antibodies and appropriate techniques - .04 Immunochromatographic methods,	BD MGIT TBc	Isolate	Manual/Rapid Immunochromatographic Assay	CE Marked	N/A	LP-MIC-TB
	C. Difficile Complete (GDH and Toxin)	Faeces	Manual/Rapid Immunochromatographic Assay	CE Marked	N/A	LP-MIC-Faeces
	Cryptococcal Antigen	CSF, Serum	Manual/Rapid Immunochromatographic Assay	CE Marked	N/A	LP-MIC-CSF
	hCG	Urine	Manual/Rapid Immunochromatographic Assay	CE Marked	N/A	LP-MIC-Urine
	Legionella Urinary Antigen		Manual/Rapid Immunochromatographic Assay	CE Marked	N/A	LP-MIC-Urine
	PBP2'	Isolate	Manual/Rapid Immunochromatographic Assay	CE Marked	N/A	LP-MIC-Urine
	Rotavirus/ Adenovirus	Faeces	Manual/Rapid Immunochromatographic Assay	CE Marked	N/A	LP-MIC-Faeces-Miscellaneous
	S. Pneumoniae	Urine, CSF	Manual/Rapid Immunochromatographic Assay	CE Marked	N/A	LP-MIC-Urine LP-MIC-CSF
1015 Detection and/or identification of bacterial, parasite, fungal and viral nucleic acids - .03 Nucleic acid amplification tests, CE marked commercial systems	MTB/Rif Ultra	Respiratory Specimens	PCR/Gene-Xpert	CE Marked	N/A	LP-MIC-TB
	C. diff Toxin	Faeces	PCR/EntericBio	CE Marked	N/A	LP-MIC-C.difficile
			PCR/Gene-Xpert	CE Marked	N/A	LP-MIC-C.difficile
			PCR/EntericBio	CE Marked	N/A	LP-MIC-Faeces
	Influenza A&B	Nasal Swab, Throat Swab	PCR/Magnapure LC ABI 7500 Fast	CE Marked	N/A	LP-MIC-InfluenzaRealTimePCR
	Influenza A&B Xpress/RSV		PCR/Gene-Xpert	CE Marked	N/A	LP-MIC-Influenza/RSV Real-Time PCR
Xpert CarbaR-CRE	Isolates	GenXpert	CE Marked (off-label)	LP-MIC-CRE		
1016 Identification of cultured bacteria and	API20E	Isolate	Fermentation Decarboxylation	CE Marked	N/A	LP-MIC-TestMethodologies

fungi using non-nucleic acid based techniques - .01 Biochemical methods , CE marked commercial systems			Etc/Manual			
	Pyrase		Colorimetric/Manual	CE Marked	N/A	LP-MIC-TestMethodologies
	Rapid NH		Fermentation Decarboxylation Etc/Manual	CE Marked	N/A	LP-MIC-TestMethodologies
1016 Identification of cultured bacteria and fungi using non-nucleic acid based techniques - .03 Identification of fungi by microscopic morphology	Lactofuschin		Staining & Microscopy/Manual	CE Marked	N/A	LP-MIC-Fungi
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 and Candida sp.	Mass Spectrophotometry/MALDI-TOF	CE Marked	N/A	LP-MIC-MALDI-TOF
1017 Measurement of antimicrobial activity and application of clinical interpretive criteria to general bacteria (rapidly growing aerobes) - .01 Anaerobes	Antimicrobial Susceptibility Testing	Isolate	Broth MIC/Phoenix 100	CE Marked	N/A	LP-MIC-Phoenix
			Disc Diffusion/Manual	Based on Standard Method	N/A	LP-MIC-Susceptibility
	Minimum Inhibitory Concentration		Gradient MICs/Manual	Based on Standard Method	N/A	LP-MIC-Susceptibility
1017 Measurement of antimicrobial activity and application of clinical interpretive criteria to general bacteria (rapidly growing aerobes) - .03 Yeasts	Yeast One Sensitre (Y10)		Broth MIC/Manual	Based on Standard Method	N/A	LP-MIC-Susceptibility
1024 Preservation of microbial cultures	Microorganism Storage	New MRSA's, New VREs, ESBLs, Isolates Referred to Reference Laboratory, Other Isolates as Clinically Requested	Cryogenic Beads & Nutrient Agar Slopes/Freezer	CE Marked	N/A	LP-MIC-CSF LP-MIC-Respiratory LP-MIC-Urines LP-MIC-WoundsandFluids LP-MIC-STI LP-MIC-Faeces