

Schedule of Accreditation



Organisation Name	UL Hospitals Group
Trading As	
INAB Reg No	303MT
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Accreditation Standard	EN ISO 15189
Standard Version	2012
Date of award of accreditation	05/06/2012
Scope Classification	Microbiology and virology
Scope Classification	Haematology
Services available to the public ¹	No

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	University Hospital Limerick	St. Nessian's Road, Dooradoyle, Limerick, Limerick, Ireland, V94 F858
2	Nenagh Hospital - Haematology	Tyone, Nenagh, Tipperary, E45 PT86
3	Ennis Hospital - Haematology	Gort Road, Ennis, Clare, V95 HN29
4	Raheen Site - Microbiology	HSE Building, Ballycummin Avenue, Raheen Business Park, Limerick, Limerick, V94 D1W9

Scope of Accreditation

Ennis Hospital - Haematology

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 **124	EDTA	Automated	Sysmex XN series (XN10 and XN20)	CE/based on standard method	LP-L-HAE-EQPXN, LP-L-HAE-FBC-XNFBCDR
1030 Haematology - .02 Visual examination of blood films	Blood Film Examination **124	peripheral blood film from EDTA	Manual Method with automated staining	Staining (RAL Stainer)/ Microscopy	CE/based on standard method	LP-E-HAE-FILMPREP, LP-E-HAE_EQP-RALSTAINER, LP-L-HAE-FLM-REPORT
1030 Haematology - .03 Erythrocyte sedimentation rate	Erythrocyte sedimentation rate (ESR)*124	EDTA	Automated	Automated Method- Starrsed ST	CE marked based on standard method	LP-L-HAE-STARSED_ST, LP-L-HAE-EQP-STARSED_ST
1030 Haematology - .05 Automated differential leucocyte counts	Automated differential count **124		Automated	Sysmex XN series (XN10 and XN20)	CE/based on standard method	LP-L-HAE-EQPXN, LP-L-HAE-FBC-XNFBCDR
1030 Haematology - .06 Automated reticulocyte counts	Automated Reticulocyte count **124		Automated	Sysmex XN series (XN10 and XN20)	CE/based on standard method	LP-L-HAE-EQPXN, LP-L-HAE-FBC-XNFBCDR

1030 Haematology - .41 General haemostasis related tests	APTT **124	Na Citrate	Automated Coagulometric	IL ACL TOP	CE/based on standard method	LP-E-HAE-EQP- ACLTOP LP-E- HAE-APTTACLTOP
	D-Dimer **124		Automated immunological	IL ACL TOP	CE/based on standard method	LP-E-HAE-EQP- ACLTOP LP- E-HAE- DDIMERACLTOP
	PT / INR **124		Automated coagulometric / ratio	IL ACL TOP	CE/based on standard method	LP-E-HAE-EQP- ACLTOP LP-E- HAE-PTACLTOP
1030 Haematology - .57 Screening test for infectious mononucleosis	Infectious mononucleosis screen **124	Serum / Plasma	Manual method - immunological	Rapid immunoassay - Clearview IM II kit	CE/based on standard method	LP-L-HAE-MAN- MONOSP

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

Note 1 - Range may be extended for the test

Note 2 – New parameters/tests may be added

Note 3 – New matrices may be added

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

For further details please refer to the laboratory's 'List of flexible scope changes', available directly from the laboratory.

Nenagh Hospital - Haematology

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 **124	EDTA	Automated	Automated method- Sysmex XN-550	CE/based on standard method	LP-N-HAE- XN550FBC LP-N-HAE-XN550
1030 Haematology - .03 Erythrocyte sedimentation rate	Erythrocyte sedimentation rate **124		Automated	Automated method- Starrsed ST	CE/based on standard method	LP-L-HAE- STARRSED_ST; LP-L-HAE-EQP- STARRSED_ST;
1030 Haematology - .05 Automated differential leucocyte counts	Automated differential leucocyte count **124		Automated	Automated method- Sysmex XN-550	CE/based on standard method	LP-N-HAE- XN550FBC LP-N-HAE-XN550
1030 Haematology - .06 Automated reticulocyte counts	Automated reticulocyte count **124		Automated	Automated method- Sysmex XN-550	CE/based on standard method	LP-N-HAE- XN550FBC LP-N-HAE-XN550
1030 Haematology - .41 General haemostasis related tests	D-Dimer **124	Sodium Citrate	Automated	AQT90 Flex Analyser	CE/ based on standard method	LP-N-HAE-AQTDD & LP-N-HAE-EQPAQT

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Note 3 – New matrices may be added

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

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Raheen Site - Microbiology

Microbiology and Virology

Category: A

Medical pathology field - Test	Test/assay	Specimen Type	Equipment/Technique	Method (CE/Non-CE/In house developed/based on standard method)	Range of measurement	Std. ref & SOP
1012 Preparation of films on glass slides followed by microscopic examination with or without fixation and staining with dyes as required - .04 Microscopic examination for mycobacteria	Microscopic examination: Mycobacteria	Bone marrow, Broncheolar lavage, bronchial aspirate, Bone, Blood, CAPD, CSF, Pleural fluid, Fluid from normally sterile sites, Gastric washing, Pus, Skin/ Tissue Biopsies, Sputum, early morning urine, swabs	Light/fluorescent microscope / Microscopic examination with or without fixation and staining with dyes for enumeration and description of mycobacteria	UK Standards for Microbiology Investigations Bacteriology – Staining Procedures TP 39 UK standards for Microbiology SMI B40	Qualitative	LP-L-MIC-TB
1013 Culture of organisms in liquid or agar based culture media with visual or instrument monitoring for growth - .03 Culture of mycobacteria	Investigation of specimens for Mycobacterium species/Culture; Instrument monitoring for growth Biomerieux MB Bact Alert ® **34	Bone marrow, Broncheolar lavage, bronchial aspirate, Bone, Blood, CAPD, CSF, Pleural fluid, Sterile body fluid, Gastric washing, Pus, Post-mortem specimens, Skin/ Tissue Biopsies, Sputum, early morning urine, swabs	MB Bact Alert/ semi-automated liquid and solid media culture	UK standards for Microbiology SMI B40	Qualitative	LP-L-MIC-TB
1014 Detection of bacterial, parasite, viral or fungal antigens using specific antibodies and appropriate techniques - .04 Immunochromatographic methods,	MGIT™ TBc Identification test qualitative detection of MTBc antigen/MGIT™ TBc Identification test **4	Acid and alcohol fast (AABF) smear positive Liquid cultures	Manual/chromatographic immunoassay	CE	Qualitative	LP-L-MIC-TB

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 **124	EDTA	Automated	Automated Method – Sysmex XN-9100	CE / based on standard method	LP-L-HAE-FBC- XNFBCDR, LP-L-HAE- EQPXN
1030 Haematology - .02 Visual examination of blood films	Blood film **124	Peripheral Blood Film	Staining / microscopy	Automated method – Sysmex SP50	CE/based on standard method	LI-L-HAE-FLM-MAN, LP-L-HAE-FLM- REPORT, LP-L-HAE- FLM-STAIN, LP-L- HAE-EQP-SP50
		Peripheral Blood Film	Staining / microscopy	Manual method	CE/based on standard method	LI-L-HAE-FLM-MAN LP-L-HAE-FLM- REPORT LP-L-HAE-FLM-STAIN LP-L-HAE-EQP- HEMATEK
	Manual differentials **124		Staining / microscopy	Manual method	CE/based on standard method	LI-L-HAE-FLM-DIFFM
1030 Haematology - .03 Erythrocyte sedimentation rate	Erythrocyte Sedimentation Rate **124	EDTA	Westergren method	Automated method – Interliner RL	CE/based on standard method	LP-L-HAE- EQPSTARRSEDRLRS, LP-L-HAE- STARRSED_RLRS.
	Erythrocyte Sedimentation Rate **124		Westergren method	Automated method – Starrsed RS	CE/based on standard method	LP-L-HAE- EQPSTARRSEDRLRS, LP-L-HAE- STARRSED_RLRS.
1030 Haematology - .05 Automated differential leucocyte counts	Automated Differential count **124		Automated	Automated Method – Sysmex XN-9100	CE / based on standard method	LP-L-HAE-FBC- XNFBCDR, LP-L-HAE- EQPXN

1030 Haematology - .06 Automated reticulocyte counts	Automated reticulocyte count **124		Automated	Automated Method – Sysmex XN-9100	CE / based on standard method	LP-L-HAE-FBC- XNFBCCR, LP-L-HAE- EQPXN
1030 Haematology - .08 Blood film examinations involving special staining procedures	Perls prussian blue stain **1234	EDTA	Staining / microscopy	Manual method	CE/based on standard method	LP-L-HAE-FLM-PPB
1030 Haematology - .09 Examination of malarial parasites	Malaria and DNA Amplification Assay **4	Whole Blood	Molecular Assay based on Loop-Mediated Amplification(LAMP) technology	Automated - Meridian ILLUMIPRO-10	CE/based on standard method	LP-L-HAE-FLM- ILLUMIGENE & LP- L-HAE-EQP- ILLUMIPRO
	Malaria antigen **124	Plasma	Immunochromatographic test	Manual method	CE/based on standard method	LP-L-HAE-FLM- MALAB
	Malaria film **124	EDTA	Staining / microscopy	Manual method	CE/based on standard method	LP-L-HAE-FLM-MALST
1030 Haematology - .20 Bone marrow examination	Bone marrow aspirates **124	Blood	Staining / microscopy	Manual method	CE/based on standard method	LP-L-HAE-FLM-BM
1030 Haematology - .30 Tests for haemoglobin variants and thalassaemia	Sickle screening **124	EDTA	Qualitative solubility test	Manual method	CE/based on standard method	LP-L-HAE-MAN- SICKLP
1030 Haematology - .40 Limited haemostasis related tests	Activated Protein C Resistance assay **124	Citratd Plasma	Clotting assay	Automated method - Stago STA-R Max	CE/Based on standard method	LP-L-HAE-COA-APC- R, LI-L-HAE-COA- SPIN, LP-L-HAE-COA- SPEC, LP-L-HAE- EQP-STA-R
	Antithrombin III assay **124		Colorimetric/Chromogenic assay	Automated method - Stago STA-R Max	CE/Based on Standard method	LP-L-HAE-COA-ATIII, LI-L-HAE-COA-SPIN, LP-L-HAE-COA-SPEC, LP-L-HAE-COA-TPHIL, LP-L-HAE-EQP-STA-R
	Anti-Xa assay **124		Colorimetric/Chromogenic assay	Automated method - Stago STA-R Max	CE/Based on Standard Method	LP-L-HAE-COA-XA, LI- L-HAE-COA-SPIN, LP- L-HAE-COA-SPEC, LP-L-HAE-EQP-STA-R
	Apixaban **124		Colorimetric/ Chromogenic assay	Automated method - Stago STA-R Max	CE marked based on standard method	LP-L-HAE-COA-DOAC, LI-L-HAE-COA-SPIN, LP-L-HAE-COA-SPEC, LP-L-HAE-EQP-STA-R

APTT **124	Clotting assay	Automated method - Stago STA-R Max	CE/based on standard method	LP-L-HAE-COA-APTT, LI-L-HAE-COA-SPIN, LP-L-HAE-COA-SPEC, LP-L-HAE-EQP-STA-R
Ddimer **124	Immunoturbidometric assay	Automated method - Stago STA-R Max	CE/based on standard method.	LP-L-HAE-COA- DDIMER, LI-L-HAE- COA-SPIN, LP-L-HAE- COA-SPEC, LP-L- HAE-EQP-STA-R
Factor II assay **124	Clotting assay	Automated method - Stago STA-R Max	CE/based on standard method.	LP-L-HAE-COA- EXFACT, LI-L-HAE- COA-SPIN, LP-L-HAE- COA-SPEC, LP-L- HAE-EQP-STA-R
Factor IX assay **124	Clotting assay	Automated method - Stago STA-R Max	CE/based on standard method	LP-L-HAE-COA- INFACT, LI-L-HAE- COA-SPIN, LP-L-HAE- COA-SPEC, LP-L- HAE-EQP-STA-R
Factor V assay **124	Clotting assay	Automated method - Stago STA-R Max	CE/based on standard method.	LP-L-HAE-COA- EXFACT, LI-L-HAE- COA-SPIN, LP-L-HAE- COA-SPE,C LP-L- HAE-EQP-STA-R
Factor VII assay **124	Clotting assay	Automated method - Stago STA-R Max	CE/based on standard method	LP-L-HAE-COA- EXFACT, LI-L-HAE- COA-SPIN, LP-L-HAE- COA-SPEC, LP-L- HAE-EQP-STA-R
Factor VIII assay **124	Clotting assay	Automated method - Stago STA-R Max	CE/based on standard method.	LP-L-HAE-COA- INFACT, LP-L-HAE- COA-LOVIII, LI-L-HAE- COA-SPIN, LP-L-HAE- COA-SPEC, LP-L- HAE-EQP-STA-R
Factor X assay **124	Clotting assay	Automated method - Stago STA-R Max	CE/based on standard method.	LP-L-HAE-COA- EXFACT, LI-L-HAE- COA-SPIN, LP-L-HAE- COA-SPEC, LP-L- HAE-EQP-STA-R

Factor XI assay **124	Clotting assay	Automated method - Stago STA-R Max	CE/based on standard method	LP-L-HAE-COA- INFACT, LI-L-HAE- COA-SPIN, LP-L-HAE- COA-SPEC, LP-L- HAE-EQP-STA-R
Factor XII assay **124	Clotting assay	Automated method - Stago STA-R Max	CE/based on standard method.	LP-L-HAE-COA-FXII, LI-L-HAE-COA-SPIN, LP-L-HAE-COA-SPEC, LP-L-HAE-EQP-STA-R
Fibrinogen **124	Clotting assay	Automated method - Stago STA-R Max	CE/based on standard method.	LP-L-HAE-COA-FIB, LI-L-HAE-COA-SPIN, LP-L-HAE-COA-SPEC, LP-L-HAE-EQP-STA-R
Free Protein S assay **124	Immunoturbidometric assay	Automated method - Stago STA-R Max	CE/based on standard method	LP-L-HAE-COA- FREEPS, LI-L-HAE- COA-SPIN, LP-L-HAE- COA-SPEC, LP-L- HAE-COA-TPHIL, LP- L-HAE-EQP-STA-R
Lupus Like Anticoagulant **124	Clotting assay	Automated method - Stago STA-R Max	CE/based on standard method.	LP-L-HAE-COA-LLA, LI-L-HAE-COA-SPIN, LP-L-HAE-COA-SPEC, LP-L-HAE-EQP-STA-R
Mixing studies **124	Clotting assay	Automated method - Stago STA-R Max	CE/based on standard methods.	LP-L-HAE-COA-MIX, LI-L-HAE-COA-SPIN, LP-L-HAE-COA-SPEC, LP-L-HAE-EQP-STA-R
Protein C **124	Colorimetric/Chromogenic assay	Automated method - Stago STA-R Max	CE/based on standard method.	LP-L-HAE-COA- PROTC, LI-L-HAE- COA-SPIN, LP-L-HAE- COA-SPEC, LP-L- HAE-COA-TPHIL, LP- L-HAE-EQP-STA-R
Protein S **124	Clotting assay	Automated method - Stago STA-R Max	CE/based on standard method.	LP-L-HAE-COA- PROTS, LI-L-HAE- COA-SPIN, LP-L-HAE- COA-SPEC, LP-L- HAE-COA-TPHIL, LP- L-HAE-EQP-STA-R

	PT/INR **124		Clotting assay / ratio calculation	Automated method - Stago STA-R Max	CE/based on standard method	LP-L-HAE-COA-PTINR, LI-L-HAE-COA-SPIN, LP-L-HAE-COA-SPEC, LP-L-HAE-EQP-STA-R
	Reptilase **124		Clotting assay	Automated method - Stago STA-R Max	CE/based on standard method.	LP-L-HAE-COA-TTREPT, LI-L-HAE-COA-SPIN, LP-L-HAE-COA-SPEC, LP-L-HAE-EQP-STA-R
	Rivaroxaban **124		Colorimetric/Chromogenic assay	Automated method - Stago STA-R Max	CE marked based on standard method	LP-L-HAE-COA-DOAC, LI-L-HAE-COA-SPIN, LP-L-HAE-COA-SPEC, LP-L-HAE-EQP-STA-R
	Thrombin Time **124		Clotting assay	Automated method - Stago STA-R Max		LP-L-HAE-COA-TTREPT, LI-L-HAE-COA-SPIN, LP-L-HAE-COA-SPEC, LP-L-HAE-EQP-STA-R
	Vwf Antigen Assay **124		Immunoturbidometric assay	Automated method - Stago STA-R Max		LP-L-HAE-COA-VWF, LI-L-HAE-COA-SPIN, LP-L-HAE-COA-SPEC, LP-L-HAE-EQP-STA-R
1030 Haematology - .45 Tests of platelet function	Ristocetin cofactor assay **124		Platelet aggregation	Automated - Sysmex	CE/based on standard method	LP-L-HAE-COA-RI_COF
1030 Haematology - .57 Screening test for infectious mononucleosis	Infectious mononucleosis screen **124	Serum / plasma	Manual method - immunological	Rapid immunoassay - Clearview IM II kit	CE/based on standard method	LP-L-HAE-MAN-MONOSP
1030 Haematology - .62 Plasma viscosity	Plasma viscosity **124	EDTA / plasma	Capillary method	Benson Viscometer BV1	CE/based on standard method	LP-L-HAE-MAN-PVISC LP-L-HAE-EQP-BENSON
1030 Haematology - .70 Immunophenotyping	Immune monitoring Antigens Tested: CD3, CD4, CD8, CD19, CD56/16 **1234	EDTA	Immunophenotyping	Automated method BD FacsLyric Flow Cytometer	CE / based on standard method	LP-L-HAE-FLO-IMMUNEMON LP-L-HAE-EQPFACSLyric LP-L-HAE-EQP-Integrated BDFACSLyric BD FACS Duet system

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Medical pathology field - Test	Test/assay	Specimen Type	Equipment/Technique	Method (CE/Non-CE/In house developed/based on standard method)	Range of measurement	Std. ref & SOP
1011 Macroscopic examination and description	Macroscopic examination and description of: Sputum CSF Fluids **3	CAPD Fluid CSF Other body fluids Pleural fluid Sputum	Manual observation	UK standards for Microbiology SMI B25 ; SMI B26; SMI B27; SMI B57	Qualitative	LP-L-MIC-CAPD LP-L-MIC-FLUID LP-L-MIC- PLEURALFL LP-L-MIC-CSF LP-L-MIC-SPUTA
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)	Automated Urine Microscopy **234	Human Urine	Sysmex UF5000/Automated particle counting	CE/ UK standards for Microbiology SMI B 41	semi-quantitative	LP-L-MIC-URINE LP-L-MIC- EQP-UF5000
	Manual Microscopy/KOVA standardized microscopic analysis **34	Fluids from normally sterile Sites	CE/KOVA ® slide Glasstic™ Slide 10	UK standards for Microbiology SMI B25 ; SMI B26; SMI B27; SMI B57	semi-quantitative	LP-L-MIC-CAPD LP-L-MIC-FLUID LP-L-MIC- PLEURALFL LP-L-MIC-CSF LP-L-MIC-SPUTA
	Manual Urine Microscopy/KOVA standardized microscopic analysis **4	Human Urine	CE/KOVA ® slide Glasstic™ Slide 10	CE/ UK standards for Microbiology SMI B 41	semi-quantitative	LP-L-MIC-URINE

	Microscopic examination of: General Bacteriology **234	Swabs, Blood Cultures, Bone marrow, Bone and associated soft tissue, Peritoneal dialysis fluid (CAPD) , Corneal scrapings, CSF, Normally sterile body fluids, Pleural Fluid, Aspirates / Pus/ Exudates, Genitourinary (GUM) specimens, Tissue / biopsies	Light/fluorescent microscope / Microscopic examination with or without fixation and staining with dyes for enumeration and description of bacteria and human cells	UK standards for Microbiology TP 39	Qualitative	LI-L-MIC-TISSUE, LI-L-MIC-TISSUORCM, LP-L-MIC-BC, LP-L-MIC-CAPD, LP-L-MIC-CSF, LP-L-MIC-FLUID, LP-L-MIC-GENITAL, LP-L-MIC-PLEURALFL, LI-L-MIC-EYES LP-L-MIC-GRAM
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 of: Parasites **3	Human faeces	Microscopy with or without fixation and staining with dyes as appropriate to test	UK Standards for Microbiology Investigations Bacteriology – Staining Procedures TP 39	Qualitative	LP-L-MIC-OCP
	Microscopic examination of: Parasites/faecal concentration with or without fixation and staining with dyes for enumeration and description of parasites **34	Human Faeces, Duodenal / jejunal aspirates, Body fluids, Sellotape slide, Tissues and Biopsies, Sputum, Urine	Midi Parasep® Faecal Parasite Concentrator/Light Microscopy with or without stain	UK standards for Microbiology SMI B31	Qualitative	LP-L-MIC-OCP
1013 Culture of organisms in liquid or agar based culture media with visual or instrument monitoring for growth - .01 Culture of general bacteria	Investigation of Bacterial Eye Infections/ Culture of: General bacteria **34	Eye related samples	Manual/ Based on Standard Methods	UK standards for Microbiology SMI B2; UK SMI S 11	Qualitative	LP-L-MIC-CULTURE LP-L-MIC-READ LI-L-MIC-EYES
	Carbapenemase Producing Enterobacteriales	Multidrug Resistant Screening - Faeces/Swab of	Manual/ Based on Standard Methods	HPSC Guidelines for the Prevention and Control of	Qualitative	LP-L-MC-CPE

(CPE) Investigation/ Culture of: General bacteria **34	faeces/Ileostomy swab / Rectal swab / Stool. NB: Local screening policy applies. Microbiological cultures of Enterobacteriaceae		Multi-drug resistant organisms (MDRO) excluding MRSA in the healthcare setting UK standards for Microbiology SMI B60 EUCAST guidelines for detection of resistance and specific resistances of clinical and/or epidemiological importance		
Extended Spectrum beta lactamase (ESBL) Investigation/Culture of: General bacteria **34	Multidrug Resistant Screening - Faeces,rectal swab, MSU, CSU. NB: Local screening policy applies. Microbiological cultures of enterobacteriaceae	Manual/ Based on Standard Methods	UK standards for Microbiology SMI B59 EUCAST guidelines for detection of resistance and specific resistances of clinical and/or epidemiological importance	Qualitative	LP-L-MIC-ESBL
Investigation deep seated wounds/Culture of: General bacteria **34	Deep Wounds, Pus, exudates, aspirates	Manual/ Based on Standard Methods	UK standards for Microbiology SMI B14	Qualitative	LP-L-MIC-CULTURE LP-L-MIC-READ LI-L-MIC-WOUND
Investigation of biliary infection/Culture of: General bacteria **4	Bile	Manual/ Based on Standard Methods	UK standards for Microbiology SMI B15	Qualitative	LP-L-MIC-FLUID
Investigation of Bloodstream infections/Culture of: General bacteria **34	Blood Culture	Automated BacTalert 3D/ liquid and solid media Culture	CE/ UK standards for Microbiology B37 Irish Guideline for the Investigation of	Qualitative	LP-L-MIC-BC

			Blood Culture Samples		
Investigation of Body Fluid/Culture of: General bacteria **4	Breast Milk	Manual/ Based on Standard Methods	N/A	Qualitative	LI-L-MIC-BREAST MILK
Investigation of Bronchoalveolar Lavage, Sputum, and Associated Specimens/Culture of: General bacteria **34	Sputum, Bronchoalveolar Lavage (BAL) & associated specimens	Manual/ Based on Standard Methods	UK standards for Microbiology SMI B57	Qualitative	LP-L-MIC-SPUTA
Investigation of catheter related blood stream infections (CR-BSI)/ Culture of: General bacteria **34	Intravascular Cannulae and associated Specimens	Manual/ Based on Standard Methods	UK standards for Microbiology SMI B20	Semi-quantitative	LP-L-MIC-CULTURE LP-L-MIC-READ LI-L-MIC-CANUL
Investigation of Continuous Ambulatory Peritoneal Dialysis (CAPD) Fluid/Culture of: General bacteria **4	CAPD Fluid	Manual & Automated BacTalert 3D enrichment/ Based on Standard Methods	UK standards for Microbiology B25	Qualitative	LP-L-MIC-CAPD
Investigation of Ear Swabs and Associated Specimens/ Culture of: General bacteria **34	Ear related samples	Manual/ Based on Standard Methods	UK standards for Microbiology SMI B1	Qualitative	LP-L-MIC-CULTURE LP-L-MIC-READ LI-L-MIC-EARS
Investigation of Fluids from Normally Sterile Sites Culture of: General bacteria **34	Fluids from Sterile Sites	Manual & Automated BacTalert 3D enrichment/ Based on Standard Methods	UK standards for Microbiology B26	Qualitative	LP-L-MIC-FLUID
Investigation of gastroenteritis/Culture of: General bacteria **34	Human Faeces Rectal Swab	Manual/ Based on Standard Methods	UK standards for Microbiology SMI S7 UK standards for Microbiology SMI B10	Qualitative	LP-L-MIC-FAECES
Investigation of Genital Tract and Associated Specimens including semen and Intrauterine	Human Male/Female Genitourinary Samples	Manual/ Based on Standard Methods	UK standards for Microbiology SMI B28 UK standards for	Qualitative	LP-L-MIC-GENITAL

devices/Culture of: General bacteria **34			Microbiology SMI B58		
Investigation of Nasal Samples/ Culture of: General bacteria **4	Nasal swabs	Manual/ Based on Standard Methods	UK standards for Microbiology SMI B57	Qualitative	LP-L-MIC-CULTURE LP-L-MIC-READ LI-L-MIC-NASAL
Investigation of orthopaedic implant associated infections/ Culture of: General bacteria **4	Intra-operative Orthopaedic Bone & associated Tissues	Manual/ Based on Standard Methods	UK standards for Microbiology SMI B42	Qualitative	LP-L-MIC-CULTURE LP-L-MIC-READ LI-L-MIC-TISSORCM
Investigation of Pleural Fluid/Culture of: General bacteria **4	Pleural Fluid	Manual & Automated BacTalert 3D enrichment/ Based on Standard Methods	UK standards for Microbiology SMI B26	Qualitative	LP-L-MIC- PLEURALFL
Investigation of Sinusitis/Culture of: General bacteria **4	Antral washout sinus aspirate /washout	Manual/ Based on Standard Methods	UK standards for Microbiology SMI B5	Qualitative	LP-L-MIC-SINUS
Investigation of superficial mouth samples/ Culture of: General bacteria **34	Mouth swab, saliva and oral rinse	Manual/ Based on Standard Methods	UK standards for Microbiology SMI B4 UK Standards for Microbiology Investigations Bacteriology – Staining Procedures TP39	Qualitative	LP-L-MIC-CULTURE LP-L-MIC-READ LI-L-MIC- MOUTH TONGUE
Investigation of Swabs from skin and superficial soft tissue infections/ Culture of: General bacteria **34	Superficial Soft Tissue Wound and body swabs	Manual/ Based on Standard Methods	UK standards for Microbiology SMI B11	Qualitative	LP-L-MIC-CULTURE LP-L-MIC-READ LI-L-MIC-WOUND
Investigation of Throat related Specimens/ Culture of: General bacteria **34	Throat related samples	Manual/ Based on Standard Methods	UK standards for Microbiology SMI B9	Qualitative	LP-L-MIC-CULTURE LP-L-MIC-READ LI-L-MIC-THROAT
Investigation of tissues and biopsies from deep-seated sites and organs/ Culture of: General bacteria **4	Bone & associated Tissues	Manual/ Based on Standard Methods	UK standards for Microbiology SMI B42	Qualitative	LP-L-MIC-CULTURE LP-L-MIC-READ LI-L-MIC-TISSUE

Investigation of tissues and biopsies from deep-seated sites and organs/Culture of: General bacteria **4	Tissues,Biopsies	Manual/ Based on Standard Methods	UK standards for Microbiology SMI B17	Qualitative	LP-L-MIC-CULTURE LP-L-MIC-READ LI-L-MIC-TISSUE
Investigation of Urine and urinary tract associated specimens/ Culture of: General bacteria **4	Human urine - including mid-stream and clean catch specimens and those collected via bag, ileal conduit, ureter, catheter, urostomy, nephrostomy, cystoscopy, supra pubic aspirate, prostate massage/secretions, and pad urine.	Manual/ Based on Standard Methods	UK standards for Microbiology SMI B41	Qualitative	LP-L-MIC-URINE
Investigation of Whooping Cough/Culture of: General bacteria **4	Pernasal swab, nasopharyngeal aspirate, nasopharyngeal swab	Manual/ Based on Standard Methods	UK standards for Microbiology SMI B6	Qualitative	LP-L-MIC-CULTURE LP-L-MIC-READ LI-L-MIC-BORDETELLA
Meningitis Investigation/Culture of: General bacteria **4	Cerebrospinal Fluid (CSF)	Manual/ Based on Standard Methods	UK standards for Microbiology SMI B27	Qualitative	LP-L-MIC-CSF
Methicillin Resistant Staphylococcus aureus (MRSA) Investigation/Culture of: General bacteria **34	Recommended multidrug resistant screening swabs for patient cohort; nose, throat, axilla, groin (or perineum) and rectum Swabs - (Faeces/Swab of faeces/Ileostomy swab / Rectal swab / Stool. NB: Local screening policy applies. Microbiological cultures of staphylococci.	Manual/ Based on Standard Methods	UK standards for Microbiology SMI B29 HPSC: National Clinical (MRSA) Guidelines EUCAST guidelines for detection of resistance and specific resistances of clinical and/or epidemiological importance	Qualitative	LP-L-MIC-MRSA

	Vancomycin resistant enterococci (VRE) Investigation/Culture of: General bacteria **34	Multidrug Resistant Screening samples- Faeces/Swab of faeces/ Ileostomy swab / Rectal swab. NB: Local screening policy applies Microbiological cultures of enterococci	Manual/ Based on Standard Methods	HPSC Guidelines for the Prevention and Control of Multi-drug resistant organisms (MDRO) excluding MRSA in the healthcare setting EUCAST guidelines for detection of resistance and specific resistances of clinical and/or epidemiological importance	Qualitative	LP-L-MIC-VRE
1013 Culture of organisms in liquid or agar based culture media with visual or instrument monitoring for growth - .02 Culture of fungi	Investigation of fungal infection/Culture of: General Fungi **34	Microbiological samples other than skin scrapings, hair and nails	Manual method or Automated BacTAlert 3D/Based on Standard Methods	UK standards for Microbiology Investigations for relevant sample type and UK SMI TP-39	Qualitative	LP-L-MIC-FUNGAL LI-L-MIC-OESOPHAGEAL LP-L-MIC-FLUID LP-L-MIC-CAPD LP-L-MIC- PLEURALFL
1014 Detection of bacterial, parasite, viral or fungal antigens using specific antibodies and appropriate techniques - .03 Enzyme immunoassay,	Qualitative detection of H.pylori antigen in stool specimens by Enzyme Immunoassay **4	Faeces	Manual Method / Enzyme Immunoassay (EIA)	CE Marked/based on standard method	Qualitative	LP-L-SER-HPA
	Simultaneous detection of GDH antigen and C.difficile Toxins A&B / TECHLAB® C. DIFF QUIK CHEK COMPLETE® **4		Manual/Enzyme Immunoassay	CE	Qualitative	LP-L-MIC- QUIKCHEKCDIFF
1014 Detection of bacterial, parasite, viral or fungal antigens using specific antibodies and appropriate techniques -	Cryptococcal Antigen Lateral Flow Assay**4	Cerebral spinal fluid (CSF), Serum	IMMY CrAg Lateral FLOW Assay	CE - IVD UK Standards for Microbiology B27	Qualitative	LP-L-MIC-CRYPAG

.04 Immunochromatographic methods,						
	Detection of Legionella pneumophila serogroup 1 Urinary antigen /Binax Now **4	Urine	Alere™ Reader/Binax now Legionella Urinary Antigen Card immunochromatographic assay	CE/ UK Standards for Microbiology B41	Qualitative	LP-L-MIC-UAG
	Detection of Streptococcus pneumoniae Urinary antigen/Binax Now **4	Urine	Alere™ Reader/Binax now Streptococcus pneumoniae Urinary Antigen Card immunochromatographic assay	CE	Qualitative	LP-L-MIC-UAG
1015 Detection and/or identification of bacterial, parasite, fungal and viral nucleic acids - .03 Nucleic acid amplification tests, CE marked commercial systems	Abbott Alinity m HIV-1 RNA **234	Plasma (EDTA)	Abbott Alinity m Automated real-time PCR	CE-IVD	Quantitative range <1.3 Log Copies/mL - >7 Log Copies /mL	LP-L-SER-ALINITY-HIV-1RNA
	Abbott Alinity M PCR for detection and quantification of HCV RNA **234	Plasma / Serum	Abbott Alinity M automated real time PCR	CE Marked/based on standard method	Qualitative - Not Detected Quantitative range - <1.08 Log IU/mL [Detected <LLOQ] to >9.70 Log IU/mL [Detected >ULOQ]	LP-L-SER-ALINITY-HCVRNA LP-L-SER-EQP-ALINITYM
	Abbott Alinity m Resp-4-Plex assay for detection of SARS-CoV-2, Influenza A, Influenza B & RSV **234	Nasopharyngeal swabs.	Abbott Alinity M automated real time PCR	CE	Abbott Alinity M automated real time PCR Instrument	LP-L-SER-ALINITY-RESP-4-PLEX
	Cobas® CT/NG Automated RT PCR for direct detection of Chlamydia trachomatis (CT) and/or Neisseria gonorrhoeae (NG) DNA **234	Male and Female urine, clinician-instructed self-collected vaginal swab specimens, clinician-collected vaginal swab	Roche 5800 Automated real-time PCR	CE-IVD	N/A Qualitative	LP-L-MIC-STDMOLECULAR

		specimens, endocervical swab specimens, oropharyngeal (throat) swab specimens, and anorectal swab specimens, all collected in cobas® PCR Media				
Detection of SARS-CoV-2, Influenza A & B and RSV by LifeRiver Extraction & Serosep Respibio Panel 3 Real Time PCR assay in respiratory samples **234	Nasopharyngeal Swabs	LifeRiver Extraction & Serosep Respibio Panel 3 Real Time PCR assay (Roche LC480) in respiratory samples	CE Marked/based on standard method	Qualitative	LP-L-SER-RESPIBIO-RBRP3	
Detection of: Toxigenic Clostridium difficile, Salmonella, Shigella, Campylobacter, Verotoxigenic E.coli, Cryptosporidium spp and Giardia spp/EntericBio® Gastro Panel 2 **24	Faeces	EntericBio Epimotion/Roche light cyclor 481/Real-time PCR	CE	Qualitative	LP-L-MIC-ENTBIO2, LP-L-MIC-CDIFFENTBIO	
EntericBio Viral Panel 3 for the detection of Norovirus GI & GII, Rotavirus A, Adenovirus F 40 & 41, Astrovirus and Sapovirus **24		Serosep EntericBio Viral Panel 3 Real Time PCR	CE Marked/based on standard method	Qualitative	LP-L-SER-EBVP3 LP-L-GEN-ECYCLER480	
GeneXpert Express SARS-CoV-2/Flu/RSV Plus **234	Nasopharyngeal Swabs	Cepheid GeneXpert automated real time PCR	CE Marked/based on standard method	Qualitative	LP-L-SER-XPRT-RESP LP-L-GEN-EQP-GENEXPERT	
Meningitis-Encephalitis bacterial/ viral/ yeast nucleic acid screen/	Cerebrospinal Fluid (CSF)	Biofire FilmArray®system/ multiplex PCR	CE	Qualitative	LP-L-MIC-FILMARRAY	

	FilmArray® ME Panel **234					
	Molecular detection of respiratory viruses - BioFire Torch Respiratory Panel 2.1 Plus **234	Nasopharyngeal Swabs	Biomerieux Biofire TORCH automated real time PCR	CE Marked/based on standard method	Qualitative	LP-L-SER-BIOFIRE-RESP2.1 LP-L-SER-EQP-BIOFIRE
	Qualitative detection of carbapenemase genes in Enterobacteriaceae from human stool specimens/EntericBio® CPE Direct . **234	Human stool samples or rectal swabs Bacterial isolates of Enterobacteriaceae	EntericBio Epimotion, Roche light cycler 480/ Real-time PCR	CE	Qualitative	LP-L-MIC-ENTCPE
	Xpert® CTNG Chlamydia trachomatis and Neisseria gonorrhoea screening / geneXpert assay **234	Vaginal/ Endocervical Swabs, Male Urethral, Female & Male urines and male and female extragenital sites (pharyngeal and rectal swabs)	GeneXpert Instrument Systems/ Real-time PCR	CE	Qualitative	LP-L-MIC-STDMOLECULAR
	Xpert® C. difficile BT /geneXpert assay **24	Unformed (liquid or soft) stool specimens	GeneXpert Instrument Systems/ Real-time PCR	CE	Qualitative	LP-L-MIC-CDIFFGENEXPERT
	Xpert® Carba-R (CPE detection) /geneXpert assay **234	Carbapenem non-susceptible pure colonies of Enterobacteriales, Acinetobacter baumannii or Pseudomonas aeruginosa. Rectal and peri-rectal swab specimens.	GeneXpert Instrument Systems/ Real-time PCR	CE	Qualitative	LP-L-MIC-CPE
1016 Identification of cultured bacteria and fungi using non-nucleic acid based techniques - .01 Biochemical methods , CE marked commercial systems	Identification of Enterobacteriaceae and other non-fastidious, Gram negative rods using: Biochemical methods/api® **24	Microorganism cultures Enterobacteriaceae	Biomerieux api® Standardized identification strip API 20E™ / Manual	CE	Qualitative	EXTMIC-5

	Identification of gram positive and gram negative organisms using: Biochemical methods/ Sensititre Automated Reader Incubator System (ARIS) **24	Microorganism cultures	Trek Sensititre ARIS/Semi-automated	CE	Qualitative	LP-L-MIC-EQPARIS
	Identification of Neisseria, Haemophilus (and related genera) and Moraxella catarrhalis (Branhamella catarrhalis) using: Biochemical methods/api ® Standardized identification strip API NH™, **24	Microorganism cultures of Neisseria, Haemophilus (and related genera) and Moraxella catarrhalis (Branhamella catarrhalis)	Biomerieux api ® /Manual	CE	Qualitative	EXTMIC-29
1016 Identification of cultured bacteria and fungi using non-nucleic acid based techniques - .03 Identification of fungi by microscopic morphology	Fungal Investigation of Microbiological samples (Not skin scrapings, hair and nails) / microscopic identification of fungal isolates **34	Fungal cultures	Light Microscopy examination/ with or without staining with Lactophenol aniline blue	UK standards for Microbiology SMI ID 01	Qualitative	LP-L-MIC-FUNGAL
1016 Identification of cultured bacteria and fungi using non-nucleic acid based techniques - .04 Identification using MALDI-TOF Spectroscopy	Identification of microorganisms using: Maldi-Tof Spectroscopy **234	Bacterial and Fungal culture isolates (excluding moulds)	Bruker Madli-Tof / Mass Spectrometry	CE	Qualitative	LP-L-MIC-MALDI
1017 Measurement of antimicrobial activity and application of clinical interpretive criteria to general bacteria (rapidly growing aerobes) - .01 Anaerobes	Antimicrobial resistance testing Anaerobes/antibiotic disc diffusion **234	Bacterial cultures	Manual/disc diffusion-standardised antibiotic concentration disc applied to solid agar inoculations of bacteria under test	CE/based on standard method (EUCAST)	Qualitative	LP-L-MIC-ASTMANUAL LP-L-MIC-ANTIMEDIQC

	Antimicrobial resistance testing Anaerobes/Minimum inhibitory concentration (MIC) **234		Manual /MIC- Graduated standardised antibiotic concentration test strips applied to solid agar inoculations of bacteria under test	CE/based on standard method (EUCAST)	Quantitative	LP-L-MIC-ASTMANUAL LP-L-MIC-ANTIMEDIQC LP-L-MIC-ETESTMICQC
1017 Measurement of antimicrobial activity and application of clinical interpretive criteria to general bacteria (rapidly growing aerobes) - .03 Yeasts	Antifungal resistance testing Yeasts/ Sensititre Yeast one MIC **234	Yeast cultures	Manual /Minimum inhibitory concentration (MIC) (Sensititre Yeast One)	CE/based on standard method (CLSI)	Quantitative	LI-L-MIC-AST-YEAST REG-202
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 resistance testing - /antibiotic disc diffusion **234	Bacterial cultures	Manual /disc diffusion-standardised antibiotic concentration disc applied to solid agar inoculations of bacteria under test	CE/based on standard method (EUCAST)	Qualitative	LP-L-MIC-ASTMANUAL LP-L-MIC-ANTIMEDIQC
	Antimicrobial resistance testing - /Minimum inhibitory concentration (MIC) **234		Manual / MIC-Graduated standardised antibiotic concentration test strips applied to solid agar inoculations of bacteria under test	CE/based on standard method (EUCAST)	Quantitative	LP-L-MIC-ASTMANUAL LP-L-MIC-ANTIMEDIQC LP-L-MIC-ETESTMICQC
	Antimicrobial resistance testing - /Sensititre ARIS **234		Trek Sensititre ARIS/Semi-automated Breakpoint/minimum inhibitory concentration (MIC)	CE/based on standard method (EUCAST)	Qualitative	LP-L-MIC-EQPARIS,
1029 Miscellaneous - .99 Miscellaneous tests	Pregnancy Testing / Alere TM hCG **4	Urine	Alere hCG cassette / Chromatographic immunoassay	CE	Qualitative	LP-L-MIC-hCG

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

Note 1 - Range may be extended for the test

Note 2 – New parameters/tests may be added

Note 3 – New matrices may be added

*Note 4 – Changes to equipment/kits where the underlying methodology does not change
For further details please refer to the laboratory's 'List of flexible scope changes', available directly from the laboratory.*