

Schedule of Accreditation



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Accreditation Standard	EN ISO 15189
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Scope Classification	Microbiology and virology
Services available to the public ¹	

¹ Refer to document on interpreting INAB Scopes of Accreditation

Sites from which accredited services are delivered		
(the detail of the accredited services delivered at each site are on the Scope of Accreditation)		
	Name	Address
1	Head Office	Galway University Hospital, Newcastle Road, Galway

Scope of Accreditation

Head Office

Microbiology and Virology

Category: A

Medical pathology field - Test	Test/assay	Specimen Type	Equipment/Technique	Method (CE/Non-CE/In house developed/based on standard method)	Range of measurement	Std. ref & SOP
1011 Macroscopic examination and description	Macroscopic examination and description	Sputum Faeces	NA	NA	NA	MICSOP010 MICSOP070
1012 Preparation of films on glass slides followed by microscopic examination with or without fixation and staining with dyes as required - .01 Microscopic examination for general bacteriology purposes (including enumeration and description of human cells)	Microscopic examination for general bacteriology purposes	Blood cultures Swabs Wound exudates CSFs Fluids/Aspirates Genital tract and associated specimens Corneal lens/scrapings Bronchoalveolar Lavage Bronchial washings Pus Tissue/Biopsy Urine Fluids	Light/ fluorescent microscope	Microscopic examination for general bacteriology purposes including enumeration and description of human cells	NA	MICSOP058 MICSOP009 MICSOP010 MICSOP006 MICSOP025
1012 Preparation of films	Microscopic	Fluids/Aspirates	Light microscope	Microscopic examination	NA	MICSOP025

on glass slides followed by microscopic examination with or without fixation and staining with dyes as required - .02 Microscopic examination for parasites	examination for general bacteriology purposes	Faeces Blood Sellotape slides Urine		for parasites		MICSOP023 MICSOP024
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		Hair/nail/skin clippings	Light/ fluorescent microscope	Microscopic examination for fungi	NA	MICSOP048
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		Bronchoalveolar Lavage Bronchial washings Fluids/Aspirates Pus Tissue/Biopsy Sputum Blood cultures	Light/ fluorescent microscope	Microscopic examination for mycobacteria	NA	MICSOP007
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	Blood cultures Swabs Wound exudates CSFs Fluids/Aspirates Genital tract and associated specimens Corneal lens/scrapings Bronchoalveolar Lavage Bronchial washings Pus Tissue/Biopsy Urine Fluids Faeces Sputum Swabs including screening swabs for VRE, CPE, MRSA	Incubators Bactec FX Blood Culture System	Investigation of Blood cultures, urines, CSFs, faeces -Investigation of genital tract and associated Specimens -Culture of diagnostic specimens -Screening for multidrug resistant organisms	NA	MICSOP009 MICSOP010 MICSOP011 MICSOP013 MICSOP014 MICSOP025 MICSOP045 MICSOP070 MICSOP072

		and ESBL Tips IUD				
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	Hair/nail/skin clippings Skin scrapings Blood cultures	Incubators Bactec FX Blood Culture System	Investigation of Dermatological Specimens for Superficial Mycoses	NA	MICSOP048 MICSOP009
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 Bronchial washings Tissue/Biopsy Pus	Incubators Bactec MGIT 960 Instrument	Culture of mycobacteria	NA	MICSOP007
1014 Detection of bacterial, parasite, viral or fungal antigens using specific antibodies and appropriate techniques - .02 Particle agglutination	Particle agglutination	Bacterial isolates	NA	Identification of E. coli O157 using the Oxoid Dryspot E. coli O157 kit	NA	MICSOP070
			NA	Identification of S. aureus by latex agglutination.	NA	MICSOP020
			NA	Serological identification of beta haemolytic strep belonging to Lancefield groups A, B,C,D, F and G	NA	MICSOP020
	Qualitative detection of antibodies to T. pallidum in human serum	Serum	Particle agglutination	Particle agglutination	Qualitative	VIR/SOP/107
1014 Detection of bacterial, parasite, viral or fungal antigens using specific antibodies and appropriate techniques - .03 Enzyme immunoassay,	Enzyme immunoassay	Faeces	NA	Detection of C.difficile toxins A and B.	NA	MICSOP070
		Plasma/Serum	Abbott Architect i1000sr	Confirmation of the presence of Hepatitis B virus Surface Antigen in human serum and	NA	VIR/SOP/071

				plasma, using the Abbott Architect HBsAg Qualitative confirmatory assay		
			Abbott Architect i1000sr and i2000sr	Qualitative detection of Hepatitis B virus Surface Antigen in human serum and plasma, using the Abbott Architect HBsAg Qualitative assay	NA	VIR/SOP/066
1014 Detection of bacterial, parasite, viral or fungal antigens using specific antibodies and appropriate techniques - .04 Immunochromatographic methods,	Biotech Lateral Flow Kit for the detection of CTX-M groups 1, 2, 8, 9 & 25 in a bacterial colony obtained from culture	Bacterial isolates	N/A	CE/based on standard method	N/A	MICSOP020 and MICFM089
	Biotech Lateral Flow Kit for the detection of CTX-M groups 1, 2, 8, 9 & 25 in a bacterial colony obtained from culture.	Bacterial isolates	N/A	CE/based on standard method	NA	MICSOP020 & MICFM089
	Immuno-chromatographic methods	Bacterial isolate	NA	Qualitative immunochromatographic assay for the rapid detection of penicillin-binding protein 2a (PBP2a) in isolates identified as Staphylococcus aureus	NA	MICSOP002Antimicrobial Susceptibility Testing
		Urine	Alere reader	Qualitative detection of Legionella Urinary Antigen detection using the Binax NOW kit	NA	VIR/SOP/052
	Immuno-chromatographic methods	Faeces	Timer	Investigation of faeces specimens for Rota and Adenovirus using Coris Bioconcept Combi strip	NA	MICSOP026
Mycobacterial isolates		Timer	Identification of M. tuberculosis	NA	MICSOP007	

				Complex using Becton Dickinson (BD) MGIT TBc identification test		
	Lateral flow assay	Bacterial isolates	N/A	Biotech Lateral Flow Kits for detection of CPE	NA	MICSOP072 MICFM274
		CSF	NA	Qualitative detection of Cryptococcal antigen (CrAg) in cerebral spinal fluid (CSF) specimens	NA	MICSOP014 Investigation of CSF
		Faeces	NA	H.pylori lateral flow assay for the diagnosis of Helicobacter pylori infection	NA	MICSOP053
1015 Detection and/or identification of bacterial, parasite, fungal and viral nucleic acids - .01 Nucleic acid probe hybridization, CE marked commercial systems	Qualitative detection and differentiation of RNA from influenza A virus (flu A), influenza B virus (flu B), Respiratory Syncytial Virus (RSV) and SARS-CoV-2 using the Resp 4-plex AMP kit	Nasopharyngeal swabs	Alinity M	CE based on standard method	Qualitative	VIR/SOP/103
	Qualitative detection of Neisseria gonorrhoeae DNA from Abbott multicollect samples	Abbott multicollect samples	GeneXpert	CE based on standard method	Qualitative	VIR/SOP/088
	Quantitative detection of Hepatitis B virus (HBV) DNA in human plasma or serum	Plasma Serum	Alinity M	CE based on standard method	5.28 IU/mL to 9.27 IU/mL	VIR/SOP/103
	Quantitative detection of Hepatitis C virus (HCV) DNA in human plasma or serum.		Alinity M	CE based on standard method	12 IU/mL to 200,000,000 IU/mL	VIR/SOP/103
	Quantitative detection of Human Immunodeficiency	Plasma	Alinity M	CE based on standard method	10 copies/mL to 20,000,000 copies/mL	VIR/SOP/103

	virus type 1 (HIV-1) RNA in human plasma.					
1015 Detection and/or identification of bacterial, parasite, fungal and viral nucleic acids - .03 Nucleic acid amplification tests, CE marked commercial systems	GeneXpert GC RT-PCR assay	Bacterial isolates	Cepheid GeneXpert Instrument	Qualitative detection and of Neisseria gonorrhoeae DNA from bacterial isolates .	N/A	MICSOP062
	Nucleic acid amplification tests, CE marked commercial systems	Faeces	Cepheid GeneXpert Instrument	Detection of Norovirus genogroup I and II RNA using the Cepheid GeneXpert Kit	NA	MICSOP062
			Cepheid GeneXpert Instrument	Identification and characterisation of Clostridium difficile using the Cepheid GeneXpert Kit	NA	MICSOP062
			Roche Diagnostics Ltd Light cycler 480II Entericbio workstation	Detection of Salmonella enterica spp., Shigella spp., Campylobacter jejuni/coli/lari, Stx1/Stx2, Cryptosporidium and Giardia DNA using the Enteric Bio Real Time PCR Gastro Panel 2 kit from Serosep.	NA	MICSOP070
			Roche Diagnostics Ltd Light cycler 480II Entericbio Workstation	Detection of C. difficile DNA using the Enteric Bio Real Time C. difficile PCR Kit from Serosep.	NA	MICSOP070
		Plasma	Abbott m2000sp Abbott m2000rt	Quantitative detection of Human Immunodeficiency Virus type 1 (HIV-1) in human plasma from HIV-1 infected individuals.	40 copies/mL	VIR/SOP/085
	Respiratory specimens and Mycobacterial isolates	Cepheid GeneXpert Instrument	Detection of M. Tuberculosis complex and Rifampicin resistance using the	NA	MICSOP062	

				MTB/RIF Ultra GeneXpert Kit		
		Urine, endocervical, vaginal swabs and male urethral swab specimens collected in the Abbott multi-Collect Specimen Collection Kit	Abbott m2000sp Abbott m2000rt	Qualitative detection of the plasmid DNA for C.trachomatis and the genomic DNA of N.gonorrhoeae	NA	VIR/SOP/087
	Qualitative detection and differentiation of SARS-CoV-2, influenza A, influenza B and RSV using the GenMark ePlex RP2 assay	Upper respiratory specimens in viral transport medium	GenMark Dx ePlex System	CE/based on standard method	N/A	VIR/SOP/104
	Qualitative detection and differentiation of SARS-CoV-2, influenza A, influenza B and RSV viral RNA using Xpert Xpress SARS-CoV2/FLU/RSV kit and the Xpert Xpress COV2/FLU/RSV plus kit		Cepheid GeneXpert Instrument	CE/based on standard method	N/A	VIR/SOP/088
	Qualitative detection and differentiation of SARS-CoV-2, influenza A, influenza B, and respiratory syncytial virus (RSV)viral RNA in upper respiratory specimens	Upper respiratory specimens in VTM	Cepheid GeneXpert Instrument	CE/based on standard method	NA	VIR/SOP/088
	Qualitative detection and differentiation of SARS-CoV-2, influenza A, influenza B, and respiratory syncytial		GenMark Dx ePLEX System	CE/based on standard method	NA	VIR/SOP/104

	virus (RSV)viral RNA in upper respiratory specimens on the RP2 molecular assay						
1015 Detection and/or identification of bacterial, parasite, fungal and viral nucleic acids - .04 Nucleic acid amplification tests, in house developed assays	Detection of S. pneumoniae from EDTA blood using in house Real Time PCR	EDTA blood samples	Qiagen EZ1 Advanced XL AB7500 Instrument	Qualitative detection of S. pneumoniae, H. influenzae & N.meningitidis rom EDTA blood	NA	MICSOP063 MICSOP061 MICSOP073	
	Nucleic acid amplification tests, CE marked commercial systems	Respiratory specimens	Applied Biosystems Real-time PCR System - AB7500	Detection of Pneumocystis jirovecii DNA in respiratory specimens using the AB7500	NA	MICSOP061 MICSOP067 MICSOP073	
	Nucleic acid amplification tests, in-house developed assay	Bacterial isolates		Applied Biosystems Real-time PCR System - AB7500 Qiagen EZ1 Advanced XL	RT PCR Assay for the detection of blaIMI gene DNA in Gram-Negative isolates.	NA	MICLP036 MICSOP061 MICSOP066 MICSOP073
		CSF Fluids Tissues Swabs Bacterial isolates		Applied Biosystems Real-time PCR System - AB7500 Qiagen EZ1 Advanced XL	RT PCR assay for the detection of CoA gene in S.aureus -RT PCR assay for the detection of Group A Streptococcal DNA -RT PCR assay for the detection of MecA gene in S.aureus -RT PCR for the detection of S.pneumoniae DNA and determination of penicillin susceptibility -RT PCR assays for the detection of Neisseria meningitidis DNA	NA	MICSOP073 MICSOP061 MICSOP063 MICSOP065
		CSF VTMS		Applied Biosystems Real-time PCR System - AB7500 Qiagen EZ1 Advanced XL	RT PCR assay for the detection of Herpes Simplex Virus 1 and 2 DNA	NA	MICSOP060 MICSOP061 MICSOP064 MICSOP071 MICSOP073

			Applied Biosystems Real-time PCR System - AB7500 Qiagen EZ1 Advanced XL	RT PCR Taqman assay for the detection of VZV	NA	MICSOP060 MICSOP061 MICSOP064 MICSOP071 MICSOP073
1016 Identification of cultured bacteria and fungi using non-nucleic acid based techniques - .01 Biochemical methods, CE marked commercial systems	Biochemical methods, CE marked commercial systems	Bacterial isolates Fungal isolates	Biomerieux Vitek Compact instrument	Identification of bacterial isolates using the Biomerieux APIs and other biochemical identification kits	NA	MICSOP020
1016 Identification of cultured bacteria and fungi using non-nucleic acid based techniques - .03 Identification of fungi by microscopic morphology	Identification of fungi by microscopic morphology	Fungal isolates	Light/ fluorescent microscope	Investigation of Dermatological Specimens for Superficial Mycoses	NA	MICSOP048
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, fungal and Mycobacterial isolates	Bruker MALDI TOF instrument	Identification of organisms using the MALDI TOF Biotyper	NA	MICSOP068
	Identification using MALDI-TOF spectroscopy	Bacterial, fungal and Mycobacterial isolates	Bruker MALDI TOF Microflex and MALDI TOF Sirius	Identification of organisms using the MALDI TOF Microflex and MALDI TOF Sirius instruments	NA	MICSOP068
			Bruker MALDI TOF Microflex and MALDI TOF Sirius	Identification of organisms using the MALDI TOF Microflex and MALDI TOF Sirius instruments	Isolated / NOT isolated	MICSOP068
1017 Measurement of antimicrobial activity and application of clinical interpretive criteria to general bacteria (rapidly growing aerobes) - .01 Anaerobes	Measurement of antimicrobial activity and application of clinical interpretive criteria for general bacteria	Bacterial isolates	The BIOMIC V3 Microbiology plate reading System from Giles Scientific Trek Diagnostic Sensititre instrument	Antimicrobial resistance testing of bacterial isolates using Disk diffusion and Minimum inhibitory concentration (MIC) testing with MIC strips and broth dilution on the Trek Diagnostic Sensititre instrument	NA	MICSOP002 MICSOP077 MICSOP030

				using EUCAST and CLSI interpretive guidelines		
1017 Measurement of antimicrobial activity and application of clinical interpretive criteria to general bacteria (rapidly growing aerobes) - .02 Mycobacteria	Measurement of antimicrobial activity and application of clinical interpretive criteria of Mycobacterial isolates	Mycobacterial isolates	Becton Dickinson BACTEC 960 MGIT	Antimicrobial resistance testing of Mycobacterial isolates on the BACTEC MGIT	NA	MICSOP007
1017 Measurement of antimicrobial activity and application of clinical interpretive criteria to general bacteria (rapidly growing aerobes) - .03 Yeasts	Measurement of antimicrobial activity and application of clinical interpretive criteria of yeasts	Yeast isolates	Biomerieux Vitek Compact instrument	Antimicrobial resistance testing of Yeast isolates using MIC test strips	NA	MICSOP069
1017 Measurement of antimicrobial activity and application of clinical interpretive criteria to general bacteria (rapidly growing aerobes) - .05 Other categories of organism (as specified)	Inoclic - a new inoculum standardization device	Bacterial isolates	The BIOMIC V3 Microbiology plate reading System from Giles Scientific	Antimicrobial resistance testing of bacterial isolates using Disk diffusion and Minimum inhibitory concentration (MIC) testing with MIC strips using EUCAST and CLSI interpretive guidelines	NA	MICSOP002 MICSOP038
1018 Detection of antibody response to infection using appropriate CE marked commercial techniques - .01 Particle agglutination, using CE marked commercial systems	Particle agglutination, using CE marked commercial systems	Plasma/Serum	NA	Qualitative detection of antibodies to Treponema pallidum in human serum or plasma, using the Serodia-TP-PA particle agglutination test.	NA	VIR/SOP/063
		Serum	NA	Semi quantitative detection of anti-cardiolipin antibodies using the BD RPR card antigen flocculation test	NA	VIR/SOP/064
			NA	Semi-quantitative detection of	NA	VIR/SOP/053

				antistreptolysin-O antibodies, in human serum, using the Biokit rheumajet ASO Latex agglutination test		
1018 Detection of antibody response to infection using appropriate CE marked commercial techniques - .02 Enzyme immunoassay, using CE marked commercial systems	Chemiluminescent microparticle immunoassay, using CE marked commercial system	Serum/Plasma	Virclia	Qualitative detection of Varicella zoster IgG antibodies using the Vircell Varicella-Zoster Virclia IgG Monotest assay	N/A	VIR/SOP/097
	Enzyme immunoassay, using CE marked commercial systems	Plasma/Serum	Biomerieux Vidas	Qualitative detection of Measles IgG antibody using the Biomerieux VIDAS	NA	VIR/SOP/049 VIR/SOP/099
			Biomerieux Vidas	Quantitative detection of Rubella IgG antibody using the Biomerieux VIDAS	NA	VIR/SOP/049 VIR/SOP/084
		Serum	Biomerieux Vidas	Qualitative detection of Mumps IgG antibody using the Biomerieux VIDAS	NA	VIR/SOP/049 VIR/SOP/090
	Enzyme immunoassay, using CE marked commercial systems	Plasma/Serum	Biomerieux Vidas	Qualitative detection of Hepatitis B virus Core Antibody using the Biomerieux VIDAS Anti-HBc Total II assay	NA	VIR/SOP/048 VIR/SOP/049
			Biomerieux Vidas	Qualitative detection of HIV p24 antigen, HIV-1 antibody and HIV-2 antibody in human serum and plasma	NA	VIR/SOP/050 VIR/SOP/049
			Serum	Biomerieux Vidas	Qualitative detection of Hepatitis C antibody using the Biomerieux VIDAS	NA
		Qualitative detection of IgG and IgM class antibodies to VIsE1 and pepC10		Microplate washer/Microplate reader	CE/based on standard method	NA

	antigens from <i>Borrelia burgdorferi</i> in human serum using the AccuDiag™ <i>Borrelia</i> VlsE1/pepC10 IgG/IgM ELISA					
			N/A	CE/based on standard method	N/A	VIR/SOP/105
1018 Detection of antibody response to infection using appropriate CE marked commercial techniques - .05 Immunochromatographic methods, using CE marked commercial systems	Lateral flow immunoassay		N/A	Immy Cryptococcal antigen lateral flow assay for the detection of cryptococcal antigen in serum samples.	N/A	VIR/SOP/098
1018 Detection of antibody response to infection using appropriate CE marked commercial techniques - .07 Chemiluminescent microparticle immunoassay, using CE marked commercial systems	Chemiluminescent microparticle immunoassay, using CE marked commercial systems	Plasma/Serum	Abbott Architect i1000sr	Qualitative detection of antibody to Hepatitis Be virus in human serum and plasma using the Abbott Architect Anti HBe assay	NA	VIR/SOP/054
			Abbott Architect i1000sr	Qualitative detection of Hepatitis B core IgM using the Abbott Architect anti HBc IgM assay	NA	VIR/SOP/010
			Abbott Architect i1000sr and i2000sr	Qualitative detection of antibody to Hepatitis C virus in human serum and plasma using the Abbott Architect Anti HCV assay	NA	VIR/SOP/029
			Abbott Architect i1000sr and i2000sr	Qualitative detection of antibody to <i>Treponema pallidum</i> , in human serum and plasma,	NA	VIR/SOP/033

	using the Abbott Architect Syphilis TP assay		
Abbott Architect i1000sr and i2000sr	Qualitative detection of Hepatitis B Core Antibody, in human serum and plasma, using the Abbott Architect Anti-HBc II assay	NA	VIR/SOP/034
Abbott Architect i1000sr and i2000sr	Qualitative detection of HIV p24 antigen, HIV-1 antibody and HIV-2 antibody in human serum and plasma using the Abbott Architect HIV Ag/Ab combo assay	NA	VIR/SOP/027
Abbott Architect i1000sr and i2000sr	Quantitative detection of Hepatitis B virus Surface Antibody in human serum and plasma, using the Abbott Architect Anti-HBs assay	0-1000mIU/ml	VIR/SOP/031
Abbott Architect i2000sr	Qualitative detection of Cytomegalovirus IgG antibodies in human serum and plasma, using the Abbott Architect CMV IgG assay	NA	VIR/SOP/055
Abbott Architect i2000sr	Qualitative detection of Cytomegalovirus IgM antibodies using the Abbott Architect CMV IgM assay	NA	VIR/SOP/078
Abbott Architect i2000sr	Qualitative detection of EBNA IgG antibodies, EBV VCA IgG antibodies and EBV VCA IgM antibodies	NA	VIR/SOP/095

				using the Abbott Architect EBV Assays		
			Abbott Architect i2000sr	Qualitative detection of IgG antibody to Hepatitis A virus in human serum and plasma, using the Abbott Architect HAVAb-IgG assay	NA	VIR/SOP/030a
			Abbott Architect i2000sr	Qualitative detection of IgM antibody to Hepatitis A virus, in human serum and plasma using the Abbott Architect HAVAb-IgM assay	NA	VIR/SOP/030b
			Abbott Architect i2000sr	Qualitative detection of Rubella virus IgM using the Abbott Architect Rubella IgM assay	NA	VIR/SOP/080
			Abbott Architect i2000sr	Qualitative detection of Toxoplasma gondii IgG antibodies in human serum and plasma, using the Abbott Architect Toxoplasma IgG assay	NA	VIR/SOP/072
			Abbott Architect i2000sr	Qualitative detection of Toxoplasma gondii IgM antibodies, using the Abbott Architect Toxoplasma IgM assay	NA	VIR/SOP/079
			Abbott Architect i2000sr	Quantitative detection of Rubella virus IgG using the Abbott Architect Rubella IgG assay	0 -500 IU/ml	VIR/SOP/032
			Architect i1000sr	Qualitative detection of Hepatitis Be Antigen using the Abbott Architect HBeAg Assay	NA	VIR/SOP/093
	Qualitative detection of Parvovirus IgG and IgM on the VirClia	Serum	VirClia	CE based on standard method	Qualitative	VIR/SOP/097

1024 Preservation of microbial cultures	Preservation of microbial cultures	Microbial cultures	Refrigerators Freezers	Preservation of microbial cultures on agar plates and slope and in Protect beads	NA	MICLP020 MICSOP049
1029 Miscellaneous - .99 Miscellaneous tests	Automated enumeration of clinical parameters including human cells in urine	Urine	UF5000	CE based on standard method	1 - 10,000 µl/mL	MICSOP025