

# Schedule of Accreditation



Organisation Name	Public Health Laboratory Dublin
Trading As	
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Accreditation Standard	EN ISO 15189
Standard Version	2022
Date of award of accreditation	09/06/2015
Scope Classification	Microbiology and virology
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)		
	Name	Address
1	Head Office	Health Service Executive, Dublin Mid-Leinster, Cherry Orchard Hospital, Dublin, D10

# 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
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	Investigation of ova and parasites in specimens other than blood	Faeces Urine Duodenal/jejunal aspirate Sellotape slides	Concentration using Parasep faecal concentrator, light microscopy	PHE Standard methods		SCM003 Investigation of ova and parasites in specimens other than blood
1013 Culture of organisms in liquid or agar based culture media with visual or instrument monitoring for growth - .01 Culture of general bacteria	Detection of bacterial pathogens	Faeces	culture	PHE Standard methods		SCM001 Investigation of faecal specimens for faecal pathogens
1014 Detection of bacterial, parasite, viral or fungal antigens using specific antibodies and appropriate techniques - .01 Slide agglutination,	Salmonella sp.	Isolate	Slide agglutination	CE Marked		SCM001 Investigation of faecal specimens for faecal pathogens

	Seroagglutination of E.coli O26, O111, O103, O145	Isolates	Slide agglutination	CE Marked		SCM002 Investigation of faecal specimens for the detection and isolation of VTEC and EPEC.
1014 Detection of bacterial, parasite, viral or fungal antigens using specific antibodies and appropriate techniques - .02 Particle agglutination	E.coli O157		Particle agglutination	CE Marked		SCM002 Investigation of faecal specimens for the detection and isolation of VTEC and EPEC.
1015 Detection and/or identification of bacterial, parasite, fungal and viral nucleic acids - .03 Nucleic acid amplification tests, CE marked commercial systems	Detection of Campylobacter, Salmonella, Shigella and C.difficile using DNA extraction and Real-time PCR.	Faeces	DNA extraction (MP24 or 96) and real-time PCR	Laboratory developed method		SMM005 Detection of bacterial pathogens using DNA extraction and real-time PCR
	Detection of enteric viruses		DNA extraction (MP 24 or 96) and Real-time PCR	CE marked		SMM005 Detection of enteric pathogens using DNA extraction and real-time PCR.
	Detection of parasites using DNA extraction and Real-time PCR.	Faeces	DNA extraction (MP 24 or 96) and real-time PCR	CE marked		SMM005 Detection of bacterial pathogens using DNA extraction and real-time PCR
1015 Detection and/or identification of bacterial, parasite, fungal and viral nucleic acids - .04 Nucleic acid amplification tests, in house developed assays	Detection of enteric viruses	Faeces	DNA extraction and Real-time PCR	Laboratory developed method		SMM005 Detection of enteric pathogens using DNA extraction and real-time PCR.
	Detection of VTEC using DNA extraction and Real-time PCR		DNA extraction (MP24 or 96) and real-time PCR	Laboratory developed method		SMM004 Detection of VTEC using DNA extraction and real-time PCR
1016 Identification of cultured bacteria and fungi using non-nucleic acid based techniques - .01 Biochemical methods , CE	Identification of bacteria	Isolates	API identification of bacterial isolates	CE marked		SCM001 Investigation of faecal specimens for faecal pathogens

marked commercial systems						
1016 Identification of cultured bacteria and fungi using non-nucleic acid based techniques - .04 Identification using MALDI-TOF Spectroscopy	Identification of organisms from culture	Bacterial isolates	Bruker MalDI-TOF Spectroscopy	CE marked		Identification of organisms using MalDI-TOF Spectroscopy
1017 Measurement of antimicrobial activity and application of clinical interpretive criteria to general bacteria (rapidly growing aerobes) - .05 Other categories of organism (as specified )	Antimicrobial Susceptibility Testing	Isolates	Disc diffusion on solid agar plates	EUCAST		SCM004 Antimicrobial Susceptibility Testing
1023 Characterisation of subtypes within species of bacteria, fungi or virus using appropriate techniques - .02 Molecular / nucleic acid analysis methods [specifying the particular techniques]	Identification of verotoxins and subtypes - vt1, vt2, vt2f, eae	Isolates	Real-time PCR	Laboratory developed method		SMM001 Detection of vt1, vt2, vt2f and E.coli serogroups O157, O26, O111, O103, O104, O145 from bacterial isolates
	Identification of VTEC serogroups O157, O26, O103, O145, O111, O104	Isolates	Real-time PCR	Laboratory developed method		SMM001 Detection of vt1, vt2, vt2f and E.coli serogroups O157, O26, O111, O103, O145, O104 from bacterial isolates