

Schedule of Accreditation



Organisation Name Central Veterinary Research Lab-
Bacteriology/Parasitology Division

Trading As

INAB Reg No 271T

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Website

Accreditation Standard ISO 17025 T

Date Initially Awarded 07/09/2010

Scope Classification Biological and veterinary testing

Services available to the public¹

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	Dept of Agriculture, Food and the Marine, Backweston Laboratory Campus, Celbridge, Kildare, W23 X3PH

Scope of Accreditation

Head Office

Biological and Veterinary Testing

Category: A

Biology/veterinary field - Tests	Test name	Technique	Matrix	Equipment	Std. reference	
803 Culture of organisms in liquid or agar based culture media with visual or instrument monitoring for growth - .01 Culture of bacteria	SOP.001 Detection of salmonella spp. ISO 6579-1:2017	Cultural method	Egg and egg products, Pet food, Animal feed including meat and bonemeal, tallow and greaves, Meat surfaces, Veterinary clinical specimens, Dust, Environmental swabs from feedmills and animal houses, Faecal materials, Fluff, Chick box liners, Digestion residues, Compost samples from compost plants	gravimetric diluter, incubator	ISO 6579-1:2017	
	SOP.006 Detection of campylobacter spp ISO 10272:2017 Part 1		Meat and meat products, Meat surfaces, Veterinary clinical specimens, Other materials	gravimetric diluter, incubator, microscope	ISO 10272:2017 Part 1	
	SOP.007 Enumeration of campylobacter spp ISO 10272:2017 Part 2		Meat and meat products, Meat surfaces, Veterinary clinical specimens, Other materials	gravimetric diluter, incubator, microscope	ISO 10272:2017 Part 2	
	SOP.018 Isolation of E. coli strains for antimicrobial resistance monitoring: commensal E. coli from caecal contents and ESBL, AmpC and carbapenemase-producing E. coli from fresh meat and caecal contents			fresh meat and caecal contents	NA	https://www.eurl-ar.eu/protocols.aspx

803 Culture of organisms in liquid or agar based culture media with visual or instrument monitoring for growth - .03 Culture of mycobacteria	SOP.012 Isolation of mycobacterium bovis from tissue OIE terrestrial Manual 2209, Chapter 2.4.7		diagnostic specimen	BACTEC Detection system	OIE terrestrial Manual 2209, Chapter 2.4.7	
	SOP.013 Isolation of mycobacterium avium subsp paratuberculosis from faeces Based on TREK diagnostic system Technical information L-TDST007-3, 2007-07		Diagnostic specimen	TREK Detection system	Based on TREK diagnostic system Technical information L-TDST007-3, 2007-07	
804 Detection of bacterial, parasite, viral or fungal antigens using specific antibodies and appropriate techniques - .01 Slide agglutination,	SOP.004 Determination of antigenic structure of salmonella spp isolates using serotyping by slide agglutination	Slide agglutination	Bacterial isolates	incubator	Documented in-house SOP based on: Grimont, PAD, and Weill, FX, 2007 Antigenic Formulas of the Salmonella Serovars, 9th edition, WHO Collaborating Centre for Reference and Research on Salmonella , Institut Pasteur, Paris Popoff, M.Y. 2001, guidelines for the preparation of salmonella antisera WHO Collaborating Centre for Reference and Research on Salmonella , Institut Pasteur, Paris	
806 Identification of cultured bacteria and fungi using non-nucleic acid based techniques - .04 Identification using MALDI-TOF Spectroscopy (Mass spectrometry)	SOP.017 Identification of Salmonella, Campylobacter and E.Coli using MALDI-TOF	MALDI-TOF	bacterial isolates	MALDI-TOF	NA	
807 Measurement of antimicrobial activity and application of interpretive criteria to general bacteria (rapidly growing aerobes) - .01 Anaerobes	SOP.002 Antimicrobial susceptibility testing of salmonella spp and E.coli strains by MIC determination using a broth dilution method ISO 20776:2006	Broth dilution method	Bacterial isolates	VIZION automatic plate reader	ISO 20776:2006	
	SOP.003 Antimicrobial susceptibility testing of campylobacter spp by MIC determination using a broth dilution method ISO 20776:2006		Bacterial isolates	VIZION automatic plate reader	ISO 20776:2006	

812 Characterisation of subtypes within species of bacteria, fungi or virus using appropriate techniques - .02 Molecular / nucleic acid analysis methods [specifying the particular techniques]	SOP.005 Identification and differentiation of salmonella enterica serovar Thyphimurium and monophasic serovars by PCR Based on peer reviewed publications: Prendergast et al, 2013, International Journal of Food Micro., 166, 48-53 O'Regan et al, 2008, BMB Microbiology, 8, 1-11 Munoz et al, 2010, Journal of Molecular Diagnostics, 12, 220-225	PCR	Bacterial isolates	Thermocycler	Based on peer reviewed publications: Prendergast et al, 2013, International Journal of Food Micro., 166, 48-53 O'Regan et al, 2008, BMB Microbiology, 8, 1-11 Munoz et al, 2010, Journal of Molecular Diagnostics, 12, 220-225	
	SOP.008 Identification of campylobacter isolates to species level using PCR Based on peer reviewed publications: Best et al, 2003, FEMS Microbiol Lett 299: 237-241 Jensen et al, 2005, Journal App. Microbiol. 99(2): 292-300 Leblanc-Marodor et al, 2011, Journal Microbial. Methods 85; 53-61	PCR	Bacterial isolates	Thermocycler	Based on peer reviewed publications: Best et al, 2003, FEMS Microbiol Lett 299: 237-241 Jensen et al, 2005, Journal App. Microbiol. 99(2): 292-300 Leblanc-Marodor et al, 2011, Journal Microbial. Methods 85; 53-61	
	SOP.010 Identification of Mycobacterium bovis by PCR Based on peer reviewed publications: Halse et al, 2011, Journal Clin. Microbiol., 49: 2562-7 Torvinen et al , 2010, Journal Microbial. Methods 82; 78-84		Bacterial isolates	Thermocycler	Based on peer reviewed publications: Halse et al, 2011, Journal Clin. Microbiol., 49: 2562-7 Torvinen et al , 2010, Journal Microbial. Methods 82; 78-84	
	SOP.015 Identification of mycobacterium avium subsp paratuberculosis by PCR Based on peer reviewed publications; Donaghy et al, 2010, Journal of Applied	PCR	Bacterial isolates	Thermocycler	Based on peer reviewed publications; Donaghy et al, 2010, Journal of Applied Microbiology, 110: 479-489 Torvinen et al, 2010, Journal of	

	Microbiology, 110: 479-489 Torvinen et al, 2010, Journal of Microbiol. Methods 82: 78-84				Microbiol. Methods 82: 78-84	
	SOP.016 Direct detection of mycobacterium avium subsp paratuberculosis DNA in bovine faeces Based on LSI VetMAX™ M. paratuberculosis Advanced Instructions	PCR	Diagnostic specimen	LSI VetMAXX Advanced kit, 4.2. QIAamp® DNA mini kit	Based on LSI VetMAX™ M. paratuberculosis Advanced Instructions	
820 Miscellaneous	SOP.014 Enumeration of cryptosporidium oocysts concentrated using IDEXX filters based on The Microbiology of Drinking water , 2009, Part 14; Methods for the isolation, identification and enumeration of cryptosporidium oocysts	Immunoseparation, Microscopic examination	Water filters	FILTA Max Pressure station	Based on The Microbiology of Drinking water , 2009, Part 14; Methods for the isolation, identification and enumeration of cryptosporidium oocysts	