Schedule of Accreditation

Organisation Name
Central Veterinary Research Lab-
Bacteriology/Parasitology Division

Trading As

INAB Reg No
271T

Contact Name
Marion Graham

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Celbridge, Kildare, W23 X3PH

Contact Phone No
01 6157148

Email
marion.graham@agriculture.gov.ie

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

<table>
<thead>
<tr>
<th>Sites from which accredited services are delivered</th>
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<tbody>
<tr>
<td>(the detail of the accredited services delivered at each site are on the Scope of Accreditation)</td>
</tr>
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<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
</tr>
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<tbody>
<tr>
<td>1 Head Office</td>
<td>Dept of Agriculture, Food and the Marine, Backweston Laboratory Campus, Celbridge, Kildare, W23 X3PH</td>
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</table>
Scope of Accreditation

Head Office

Biological and Veterinary Testing

<table>
<thead>
<tr>
<th>Biology/veterinary field - Tests</th>
<th>Test name</th>
<th>Technique</th>
<th>Matrix</th>
<th>Equipment</th>
<th>Std. reference</th>
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<tbody>
<tr>
<td>803 Culture of organisms in liquid or agar based culture media with visual or instrument monitoring for growth - .01 Culture of bacteria</td>
<td>SOP.001 Detection of salmonella spp. ISO 6579-1:2017</td>
<td>Cultural method</td>
<td>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</td>
<td>gravimetric diluter, incubator</td>
<td>ISO 6579-1:2017</td>
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<tr>
<td>SOP.007</td>
<td>Enumeration of campylobacter spp</td>
<td>Meat and meat products, Meat surfaces, Veterinary clinical specimens, Other materials</td>
<td>gravimetric diluter, incubator, microscope</td>
<td>ISO 10272:2017 Part 2</td>
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<tr>
<td>SOP.018</td>
<td>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</td>
<td>fresh meat and caecal contents</td>
<td>NA</td>
<td><a href="https://www.eurl-ar.eu/protocols.aspx">https://www.eurl-ar.eu/protocols.aspx</a></td>
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<tr>
<td>803 Culture of organisms in liquid or agar based culture media with visual or instrument monitoring for growth - .03</td>
<td>Culture of mycobacteria</td>
<td>diagnostic specimen</td>
<td>BACTEC Detection system</td>
<td>OIE terrestrial Manual 2209, Chapter 2.4.7</td>
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<tr>
<td>SOP.012</td>
<td>Isolation of mycobacterium bovis from tissue OIE terrestrial Manual 2209, Chapter 2.4.7</td>
<td>Diagnostic specimen</td>
<td>TREK Detection system</td>
<td>Based on TREK diagnostic system Technical information L-TDST007-3, 2007-07</td>
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<tr>
<td>SOP.013</td>
<td>Isolation of mycobacterium avium subspp paratuberculosis from faeces Based on TREK diagnostic system Technical information L-TDST007-3, 2007-07</td>
<td>Diagnostic specimen</td>
<td>TREK Detection system</td>
<td>Based on TREK diagnostic system Technical information L-TDST007-3, 2007-07</td>
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<tr>
<td>804 Detection of bacterial, parasite, viral or fungal antigens using specific antibodies and appropriate techniques</td>
<td>SOP.004 Determination of antigenic structure of salmonella spp isolates using serotyping by slide agglutination</td>
<td>Slide agglutination</td>
<td>Bacterial isolates</td>
<td>incubator</td>
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<tr>
<td>Documented in-house SOP based on: Grimont, PAD, and Weill, FX, 2007 Antigenic Formulas of the Salmonella Serovars, 9th edition,</td>
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<td>806 Identification of cultured bacteria and fungi using non-nucleic acid based techniques</td>
<td>SOP.017 Identification of Salmonella, Campylobacter and E.Coli using MALDI-TOF Spectroscopy (Mass spectrometry)</td>
<td>MALDI-TOF</td>
<td>bacterial isolates</td>
<td>MALDI-TOF</td>
<td>NA</td>
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<td>807 Measurement of antimicrobial activity and application of interpretive criteria to general bacteria (rapidly growing aerobes)</td>
<td>SOP.002 Antimicrobial susceptibility testing of salmonella spp and E.coli strains by MIC determination using a broth dilution method ISO 20776:2006</td>
<td>Broth dilution method</td>
<td>Bacterial isolates</td>
<td>VIZION automatic plate reader</td>
<td>ISO 20776:2006</td>
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<td>812 Characterisation of subtypes within species of bacteria,</td>
<td>SOP.005 Identification and differentiation of</td>
<td>PCR</td>
<td>Bacterial isolates</td>
<td>Thermocycler</td>
<td>Based on peer reviewed publications:</td>
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<td><strong>fungi or virus using appropriate techniques</strong></td>
<td><strong>-02 Molecular / nucleic acid analysis methods [specifying the particular techniques]</strong></td>
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<tr>
<td>SOP.016</td>
<td>Direct detection of mycobacterium avium subspp paratuberculosis DNA in bovine faeces Based on LSI VetMAX™ M. paratuberculosis Advanced Instructions</td>
<td>PCR</td>
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