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|---|--|
| LABORATORY LOCATION/ CENTRAL OFFICE: | Makmal Veterinar Zon Timur (Pahang) Jalan Seri Kemunting 2 25100 Kuantan, Pahang , 25100, PAHANG MALAYSIA |
|  | |
| ACCREDITED SINCE : | 16 JULY 2025 |
| FIELD(S) OF TESTING: | VETERINARY |

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2017 (ISO/IEC 17025:2017).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

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|------------------------------|--|
| CENTRAL LOCATION: | Makmal Veterinar Zon Timur (Pahang) Jalan Seri Kemunting 2 25100 Kuantan, Pahang , 25100, Pahang |
| FIELD(S) OF TESTING : | VETERINARY, |

SCOPE OF TESTING : VETERINARY

| Material / Product Tested | Type Of Test / Properties Measured / Range Of Measurement | Standard Test Methods / Equipment / Techniques |
|---|--|--|
| Virology - Animal Tissues - Tissue Of Dead Embryo - Cloacal Swab - Tracheal Swab - Faecal Swab - Allantoic Fluid | Isolation of Newcastle Disease (ND) virus | MVZT(PHG)/VIRO 01: In-house method based on Newcastle Disease (Infection with Newcastle Disease Virus), Chapter 3.3.14, OIE Terrestrial Manual (2018), page 964-983 |
| Virology - Animal Tissues - Tissue Of Dead Embryo - Cloacal Swab - Tracheal Swab - Faecal Swab - Allantoic Fluid | Isolation of Suspected Avian Influenza (AI) virus (Presumptive Test) | MVZT(PHG)/VIRO 03: In-house method based on Avian Influenza (Infection with Avian Influenza Viruses), Chapter 3.3.4, OIE Terrestrial Manual (2018), page 821-843 |

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| Material / Product Tested | Type Of Test / Properties Measured / Range Of Measurement | Standard Test Methods / Equipment / Techniques |
|---|---|---|
| Serology Avian Serum | Detection of Newcastle Disease antibody | MVZT(PHG)/VIRO 01: In-house method based on Newcastle Disease (Infection with Newcastle Disease Virus), Chapter 3.3.14, OIE Terrestrial Manual (2018), page 964-983 |
| Bacteriology & Mycology - Animal Organ - Animal Feed - Environment Swab (soil, Water & Etc.) - Swabs (fecal, Environmental & Etc.) | Isolation and identification of Salmonellae | MVZT(PHG)/BACT 01: In-house method based on Fowl Typhoid and Pullorum Disease, Chapter 3.3.11, OIE Terrestrial Manual (2018) |
| Bacteriology & Mycology Salmonellae Culture | Serotyping (identification) of Salmonellae species: - Typhimurium - Enteritidis - Gallinarum - Pullorum | MVZT(PHG)/BACT 01: In-house method based on: a) Fowl Typhoid and Pullorum Disease, Chapter 3.3.11, OIE Terrestrial Manual (2018) b) Salmonellosis, Chapter 3.9.8, OIE Terrestrial Manual (2018) |
| Bacteriology & Mycology - Nasal Swabs - Pus & Lymph Node | Isolation and identification of <i>Streptococcus equi</i> Subspecies <i>equi</i> | MVZT(PHG)/BACT 02: In-house method based on: a) Manual of Veterinary Laboratory Testing for Bacteriology, Department of Veterinary Services (2017). page 133-141 b) P.J. Quinn, M.E. Carter, B.K. Markley, G.R. Carter, Clinical Veterinary Microbiology, Fourth Edition. page 131-135 |
| Parasitology Animal Faeces | Detection and Enumeration of Cestode and Nematode Eggs | MVZT(PHG)/PARA 01: Mc Master Technique In-house method based on Manual on Parasitology by P. Chandrawathani, B. Premaalatha, Jamnah Omar and Zaini Che Mamat, Department of Veterinary Services (DVS) Publication, September 2019 |

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| Material / Product Tested | Type Of Test / Properties Measured / Range Of Measurement | Standard Test Methods / Equipment / Techniques |
|--|---|---|
| | Detection of Coccidia oocysts | MVZT(PHG)/PARA 01: Mc Master Technique In-house method based on Manual on Parasitology by P. Chandrawathani, B. Premaalatha, Jamnah Omar and Zaini Che Mamat, Department of Veterinary Services (DVS) Publication, September 2019 |
| Parasitology Animal Faeces | Detection of Fluke (Trematode) eggs | MVZT(PHG)/PARA 02: Sedimentation Technique In-house method based on Manual on Parasitology by P. Chandrawathani, B. Premaalatha, Jamnah Omar and Zaini Che Mamat, Department of Veterinary Services (DVS) Publication, September 2019 |
| Parasitology Animal Faeces | Detection of Cestode, Nematode eggs and Coccidia Oocyst | MVZT(PHG)/PARA 03: Floatation Technique In-house method based on Manual on Parasitology by P. Chandrawathani, B. Premaalatha, Jamnah Omar and Zaini Che Mamat, Department of Veterinary Services (DVS) Publication, September 2019 |
| Parasitology Animal Whole Blood | Detection and Identification of Blood Parasites by Thin Blood Smear Technique using May Grunwald-Giemsa Stain | MVZT(PHG)/PARA 04: In-house method based on Manual on Parasitology by P. Chandrawathani, B. Premaalatha, Jamnah Omar and Zaini Che Mamat, Department of Veterinary Services (DVS) Publication, September 2019 |
| Veterinary Public Health Raw Meat And Meat Products (ruminants, Poultry And Swine) - Raw Milk And Milk Products | Isolation, Identification and Serotyping of <i>Salmonella</i> spp. in Foods and Food Products | AS 5013.10 |
| | Isolation, Identification and Serotyping of <i>Salmonella</i> spp. in Foods and Food Products | ISO 6579-1 |
| Veterinary Public Health Salmonella Culture | Serotyping of <i>Salmonella</i> spp. - <i>Salmonella Typhimurium</i> - <i>Salmonella Enteritidis</i> | ISO 6579-3 - Horizontal method for the detection, enumeration and serotyping of <i>Salmonella</i> - Part 3: Guidelines for serotyping of <i>Salmonella</i> spp. |

Scan this QR Code or visit <https://accreditation.ism.gov.my/public/listing/cab/samm-ct/3005708> for the current scope of accreditation

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| Material / Product Tested | Type Of Test / Properties Measured / Range Of Measurement | Standard Test Methods / Equipment / Techniques |
|--|---|---|
| Molecular Swine - Individual Or Pooled Samples Of Organs (heart, Liver, Spleen, Kidney, Lung And Lymph Node) - Pork And Pork Products - Tissue - Bone Marrow (long Bone) | Detection of African Swine Fever (ASF) Virus by Real Time PCR | WOAH Terrestrial Manual, Chapter 3.9.1 Manufacturer's kits: i. Indispin Pathogen Kit Handbook ii. Virotype® ASFV 2.0 PCR Kit Handbook |