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LABORATORY LOCATION/ CENTRAL OFFICE:	Makmal Veterinar Zon Timur (Kelantan) Kompleks Perkhidmatan Veterinar Negeri Kelantan Kubang Kerian 16150 Kota Bahru, Kelantan , 16150, KELANTAN MALAYSIA
	
ACCREDITED SINCE :	05 JUNE 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).

CENTRAL LOCATION:	Makmal Veterinar Zon Timur (Kelantan) Kompleks Perkhidmatan Veterinar Negeri Kelantan Kubang Kerian 16150 Kota Bahru, Kelantan , 16150, Kelantan
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 (serology) - Cattle - Buffalo - Sheep - Goats - Pigs	Detection of Antibodies against Non-Structural Protein (NSP) of FMDV	In-house method MVZT(K)/MFMDK 01 based on: WOAH Terrestrial Manual, Chapter 3.1.8 Manufacturer's kit: PrioCHECK FMDVNS Thermo Fisher Scientific, Prionics Lelystad B.V. The Netherlands Commercial ELISA Kit

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Virology (serology) - Cattle - Buffalo - Sheep - Goats	Competitive ELISA for the detection of anti-FMDV Nonstructural Protein (NSP) antibodies	In-house method MVZT(K)/MFMDK 02 based on: WOAH Terrestrial Manual, Chapter 3.1.8 Manufacturer's kit: ID Screen® FMD NSP Competition. Innovative Diagnostics, FMDV ELISA Kit
Virology Animal (avian): - Serum	Detection of ND Antibodies by HI Test	In-house method MVZT (K)/VIRO 01 based on WOAH Terrestrial Manual, Chapter 3.3.14.
Virology Buffalo, Cattle, Goats, Pigs, Sheep, Any Susceptible Cloven-hooves Animal Such As Deer (samples Taken From Live Animals Such As Epithelial Tissue From Tongue Or Feet, Blood Edta, Oesophageal-pharyngeal Fluid (probang), Saliva, Milk, Vesicular Fluid, And Swab. Samples From Dead Animals May Include Organs Such As Lung, Heart, Lymph Nodes, Oropharyngeal Swab, Myocardial, And Other Organs. Tissue Culture Supernatant.)	One step Taqman® Real-time Reverse Transcription (RT) – Polymerase Chain Reaction (PCR) for Diagnosis of FMD Virus.	1. WOAH Terrestrial manual, Chapter 3.1.8 Foot and Mouth Disease (infection with FMD virus). 2. World Reference Laboratory (WRL) for FMD, The Pirbright Institute. 3. Manufacturer's kits: <ul style="list-style-type: none"> High Pure Viral RNA kit manual, ROCHE EXPRESS One-Step Superscript™ qRT-PCR Kit, universal, manual, ThermoFisher Scientific
Parasitology - Animal Faecal - Gastro Intestinal Content	Enumeration of Cestode and Nematode Egg. Detection of Coccidia Oocyst.	In-house method MVK/PARA 01 (Mc Master Method) based on Manual of Veterinary Laboratory Testing for Parasitology, DVS
	Detection of Fluke (Trematode) Egg.	In-house method MVK/PARA 02 (Sedimentation Method) based on Manual of Veterinary Laboratory Testing for Parasitology, DVS
	Detection of Coccidia Oocyst and Nematode Egg.	In-house method MVK/PARA 03 (Floatation Method) based on Manual of Veterinary Laboratory Testing for Parasitology, DVS

Schedule

Issue date: 05 June 2025
Valid Until: -



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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Parasitology Blood	Detection and Identification of Blood Parasites by Thin Blood Smear Technique.	<ol style="list-style-type: none"> 1. Manual of Veterinary Laboratory Testing for Parasitology (ML 02/2016) 2. William J.Foreyt. Veterinary Parasitology Reference Manual. Fifth Edition. (2010) 3. Bio Optica, "MGG Quick Stain Data Sheet".
Bacteriology Animal: - Organ - Swab - Fluid	Isolation and identification of <i>Salmonella</i>	In-house method MVZT(K)/BA 01 based on WOAHS Terrestrial Manual Chapter 3.3.7 and 3.10.3
Bacteriology Environment: - Soil - Water - Swab	Isolation and identification of <i>Salmonella</i> .	In-house method MVZT(K)/BA 01 based on WOAHS Terrestrial Manual Chapter 3.3.7 and 3.10.3
Veterinary Public Health Raw Meat And Meat Product (ruminants, Poultry And Swine)	Detection of <i>Salmonella</i> sp.	<ol style="list-style-type: none"> 1. ISO 6579-1 2. Fowl typhoid and Pullorum disease (version adopted in May 2018). Chapter 3.3.7 WOAHS Terrestrial Manual. 3. Salmonellosis (version adopted in May 2022). Chapter 3.10.3 WOAHS Terrestrial Manual.

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