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LABORATORY LOCATION:
(PERMANENT LABORATORY)



**VETERINARY RESEARCH INSTITUTE
NO. 59 JALAN SULTAN AZLAN SHAH
31400 IPOH
PERAK
MALAYSIA**

FIELD 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).

SCOPE OF TESTING: VETERINARY (VIROLOGY)

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Avian <ul style="list-style-type: none"> • Pooled organs • Tracheal swabs • Oropharyngeal swabs • Cloacal swabs • Environmental swabs • Allantoic fluid • Faeces • Bird nest • Meat and meat products (poultry) • Eggs and egg products 	Isolation, detection and confirmation of Avian Influenza Virus (AIV)	In-house method VTM/AV001 based on CSIRO-ACDP method

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SCOPE OF TESTING: VETERINARY (VIROLOGY)

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Avian <ul style="list-style-type: none"> • Pooled organs • Tracheal swabs • Oropharyngeal swabs • Cloacal swabs • Environmental swabs • Allantoic fluid • Faeces • Bird nest • Meat and meat products (poultry) • Eggs and egg products 	Isolation, detection and confirmation of Newcastle Disease Virus (NDV)	In-house method VTM/AV002 based on CSIRO-ACDP method

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SCOPE OF TESTING: VETERINARY (VIROLOGY-SEROLOGY)

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Avian <ul style="list-style-type: none"> • Blood • Serum 	Avian Influenza Virus (AIV) H5 Haemagglutination inhibition test (HI)	In-house method VTM/AV008 based on CSIRO-ACDP method
Avian <ul style="list-style-type: none"> • Blood • Serum 	Avian Influenza Virus (AIV) H9 Haemagglutination inhibition test (HI)	In-house method VTM/AV012 based on CSIRO-ACDP method
Avian <ul style="list-style-type: none"> • Blood • Serum 	Newcastle Disease Virus (NDV) Haemagglutination inhibition test (HI)	In-house method VTM/AV013 based on CSIRO-ACDP method

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SCOPE OF TESTING: VETERINARY (VIROLOGY-MOLECULAR)

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Multispecies <ul style="list-style-type: none"> • Brain tissue • Cerebrospinal fluid (CSF) • Salivary gland • and other samples (cell culture) 	Detection of Rabies Virus by Nested RT-PCR	VRI/TM/MV001 based on CSIRO- ACDP method
Multispecies <ul style="list-style-type: none"> • Brain tissue • Cerebrospinal fluid (CSF) • Salivary gland • and other samples (cell culture) 	Detection of Rabies Virus by Real-time Reverse Transcription Polymerase Chain Reaction (qRT-PCR)	VRI/TM/MV002 based on CSIRO- ACDP method

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SCOPE OF TESTING: VETERINARY (BACTERIOLOGY)

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Multispecies <ul style="list-style-type: none"> • Pooled organs • Intestines • Eggs • Cloacal swabs 	<i>Salmonella</i> spp Isolation and Identification of <i>Salmonella</i> spp	VRI/VTM/BM001 based on WOH Terrestrial Manual 2022, Chapter 3.10.7 Salmonellosis and WOH Terrestrial Manual 2018, Chapter 3.3.11 Fowl typhoid and Pullorum disease.

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SCOPE OF TESTING: VETERINARY (PATHOLOGY)

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Canine <ul style="list-style-type: none"> • Brain sample 	Detection of Rabies Virus by Fluorescent Antibody test	VRI/TM/PATO/001 in-house method based on: Procedure for Rabies and Lyssavirus Diagnosis including rabies fluorescent antibody test (FAT) and virus isolation, ACDP, Disease Project WOAH Rabies infected with Rabies and other Lyssavirus

Note:

- WOAH : World Organization Animal Health
 CSIRO-ACDP : Commonwealth Scientific and Industrial Research Organization-Australian Centre
 for Disease Preparedness