

**STANDARDS**  
MALAYSIA

# Certificate of Accreditation

No: SAMM 391

Accredited since: 10 April 2008

This is to certify that

VETERINARY LABORATORY SERVICES UNIT  
FACULTY OF VETERINARY MEDICINE  
UNIVERSITI PUTRA MALAYSIA  
SERDANG, SELANGOR  
MALAYSIA



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[www.ism.gov.my/cab-directories](http://www.ism.gov.my/cab-directories)  
for the current scope of accreditation

has been granted accreditation in respect of the scope of accreditation described in the schedule, subject to the terms and conditions governing the *Skim Akreditasi Makmal Malaysia* (SAMM), the Laboratory Accreditation Scheme of Malaysia.

Laboratories accredited under SAMM meet the requirements of MS ISO/IEC 17025. This Malaysian Standard is identical with ISO/IEC 17025 published by the International Organization for Standardization (ISO).



  
(SHAHARUL SADRI BIN ALWI)  
Director General  
Department of Standards Malaysia

Date of issue: 2 September 2020

NO: SAMM 391

Page: 1 of 4

LABORATORY LOCATION:  
(PERMANENT LABORATORY)
**VETERINARY LABORATORY SERVICES UNIT**  
**FACULTY OF VETERINARY MEDICINE**  
**UNIVERSITY PUTRA MALAYSIA**  
**43400 SERDANG**  
**SELANGOR**  
**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

LOCATION:

BACTERIOLOGY LABORATORY

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
<b>Bacteriology</b>		
Animal tissues and clinical specimens: swab sample, body fluid, discharges, milk	Isolation of bacteria from clinical specimens and environmental samples	Diagnostic Manual of Veterinary Clinical Bacteriology and Mycology (2008) - TM001
Environmental samples	Identification of <i>Streptococcus pyogenes</i>	Diagnostic Manual of Veterinary Clinical Bacteriology and Mycology (2008) - TM002
	Identification of <i>Staphylococcus aureus</i>	Diagnostic Manual of Veterinary Clinical Bacteriology and Mycology (2008) - TM003
	Identification of <i>Pasteurella multocida</i>	Diagnostic Manual of Veterinary Clinical Bacteriology and Mycology (2008) - TM004
	Identification of <i>Pseudomonas aeruginosa</i>	Diagnostic Manual of Veterinary Clinical Bacteriology and Mycology (2008) - TM005
	Identification of <i>Escherichia coli</i>	Diagnostic Manual of Veterinary Clinical Bacteriology and Mycology (2008) - TM006
	Antibiotic Susceptibility Test	CLSI Vet 01-S2 & Vet 01-A4 (2013) - TM007

NO: SAMM 391

Page: 2 of 4

**SCOPE OF TESTING: VETERINARY****LOCATION: BACTERIOLOGY LABORATORY**

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
<b>Serology</b>  Serum (cattle, dogs, rats, pigs)	Microscopic agglutination test for leptospirosis	In-house method - TM008

**Note:**

- Diagnostic Manual of Veterinary Clinical Bacteriology and Mycology, S.S. Jang, E.L. Biberstein and D. C. Hirsh, University of California Davis, 2008.
- CLSI : Clinical and Laboratory Standards Institute - Performance Standards for Antimicrobial Disk and Dilution Susceptibility Tests for Bacteria Isolated from Animals: VET 01-A4, Approved Standards- Fourth Edition, 2013 and VET 01-S2, Second Information Supplement, 2013.

**Signatories:**

- |  |                    |
|--|--------------------|
| 1. Prof. Dr. Saleha Abdul Aziz         | MVC Part I No 1194 |
| 2. Prof. Dr. Latiffah Hassan           | MVC Part 1 No 470  |
| 3. Assoc. Prof. Dr. Siti Khairani Bejo | MVC Part 1 No 407  |
| 4. Assoc. Prof. Dr. Zunita Zakaria     |                    |
| 5. Dr. Nur Indah Ahmad                 | MVC Part 1 No 1154 |
| 6. Dr. Sharina binti Omar              | MVC Part 1 No 1152 |

NO: SAMM 391

Page: 3 of 4

**SCOPE OF TESTING: VETERINARY****LOCATION: HISTOPATHOLOGY LABORATORY**

<b>Materials/ Products Tested</b>	<b>Type of Test/ Properties Measured/ Range of Measurement</b>	<b>Standard Test Methods/ Equipment/Techniques</b>
<b>Histopathology</b>  Tissue samples from any animal species	Tissue processing	Manual of Histologic Staining Methods of the Armed Forces Institute of Pathology - TM101
	Harris' Hematoxylin and Eosin Staining	Manual of Histologic Staining Methods of the Armed Forces Institute of Pathology - TM102
	Fungi (Periodic Acid Schiff) Staining	Manual of Histologic Staining Methods of the Armed Forces Institute of Pathology - TM103
	Van Gieson's Staining	Manual of Histologic Staining Methods of the Armed Forces Institute of Pathology - TM104

**Signatories:**

- |  |                    |
|--|--------------------|
| 1. Prof. Dr. Mohd Zamri Saad             | MVC Part 1 No 129  |
| 2. Prof. Dr. Mohd Hair Bejo              | MVC Part 1 No 207  |
| 3. Prof. Dr. Noordin Mohamed Mustapha    | MVC Part 1 No 217  |
| 4. Assoc Prof. Dr. Md. Sabri Mohd Yusoff | MVC Part 1 No 527  |
| 5. Dr. Annas Salleh                      | MVC Part 1 No 1407 |
| 6. Dr. Muhamad Alif Zakaria              | MVC Part 1 No 1760 |
| 7. Dr. Mazlina Mazlan                    | MVC Part 1 No 1020 |
| 8. Dr. Nurfazila Saulol Hamid            | MVC Part 1 No 1368 |

NO: SAMM 391

Page: 4 of 4

SCOPE OF TESTING: VETERINARY

LOCATION: PARASITOLOGY LABORATORY

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Parasitology  Faeces	Modified McMaster Technique	<p>Parasitology Reference Manual I (PRM I): Laboratory Manual in Parasitology. (1999)</p> <p>Parasitology Reference Manual II (PRM IIA): Veterinary Clinical Parasitology. Anne M. Zajac and Gary A. Conboy (7th Ed.) (2006)</p> <p>Parasitology Reference Manual III (PRM IIB): Poster – Investigatio Coprologica animalium domesticorum magnorum/ bos et ovis (Janssen Pharmaceutica, 1973) (in Parasitology Laboratory)</p> <p>Parasitology Reference Manual IV (PRM IIC): Veterinary Parasitology. MA Taylor, Coop &amp; R.L Wall (3rd Ed.) (2007)</p> <p>Parasitology Reference Manual V (PRM IID): The Epidemiology, Diagnosis and Control of Helminth Parasites of Ruminants (Jørgen Hansen &amp; Brian Perry, 1994)</p>

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1. Dr. Reuben Sunil Kumar Sharma
2. Dr. Nur Mahiza Md. Isa
3. Dr. Nor Azlina Abdul Aziz

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