


Schedule

Issue date: 21 November 2025
Valid Until: -



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LABORATORY LOCATION/ CENTRAL OFFICE: 	Apical Scientific Sdn. Bhd. No. 7-1 and 9-1, Jalan SP 2/7, Taman Serdang Perdana, Seksyen 2, 43300 Seri Kembangan, Selangor , 43300, SELANGOR MALAYSIA
ACCREDITED SINCE :	19 MARCH 2025
FIELD(S) OF TESTING:	NUCLEIC ACID

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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FIELD(S) OF TESTING :	NUCLEIC ACID,

SCOPE OF TESTING : NUCLEIC ACID

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Dna Sample Provided By The Customers	DNA Barcoding of Bacteria DNA Sequencing	In-house method ASL-SOP-DBC- In-house method ASL-SOP-SEQ-01 to ASL-SOP-SEQ-09 (Year: 2023; Rev: 1) based on Sanger DNA Sequencing by using Capillary Electrophoresis.
	Microsatellite Analysis	In-house method ASL-SOP-FAS-01 to ASL-SOP-FAS-05 (Year: 2023; Rev: 1) based on DNA Fragment Analysis by using Capillary Electrophoresis.
Genomic Dna Provided By The Customers	None	Bacterial based ?Current on

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Amplicon Metagenomic Next-Generation Sequencing	In-house method ASL-SOP-NGS-01 to ASL-SOP-NGS-13 (Year: 2023; Rev: 1) based on Illumina 16S Metagenomic Sequencing Library Preparation.
Bacterial Sample Provided By The Customers In The Form Of: - Genomic Dna - Microbial Culture	DNA Barcoding of Bacteria	In-house method ASL-SOP-DBC-Bacterial (Year: 2023; Rev: 1) based on "Current protocols in molecular biology" refer Supplement 42, "Preparation of Genomic DNA from Mammalian Tissue" PubMed: 2001-v133n1, Dec. 2020; ISSN: 1934-3639; and Geneaid Presto™ Mini gDNA Bacteria Kit.
Fungal Sample Provided By The Customers In The Form Of: - Genomic Dna - Microbial Culture	DNA Barcoding of Fungus	In-house method ASL-SOP-DBC-Fungal (Year: 2023; Rev: 1) based on "Current protocols in molecular biology" refer Supplement 42, "Preparation of Genomic DNA from Mammalian Tissue" PubMed: 2001-v133n1, Dec. 2020; ISSN: 1934-3639; and Geneaid Presto™ Mini gDNA Yeast Kit.

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