



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

American Type Culture Collection (ATCC)

10801 University Blvd.
Manassas, VA 20110

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

A handwritten signature in black ink, appearing to read 'R. Douglas Leonard Jr.', is positioned above a horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 17 March 2023
Certificate Number: AT-1383



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory
quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

American Type Culture Collection (ATCC)

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TESTING

Valid to: **March 17, 2023**

Certificate Number: **AT-1383**

Biological / Microbiological

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Viability and purity <ul style="list-style-type: none"> Gram staining and cell morphology Colony description Viability (culture, stain, and titer) Purity testing 	Internal and OEM Methods	Bacteria	Inverted, dissecting, and fluorescence microscopes
Genotypic ID <ul style="list-style-type: none"> PCR and sequencing of selected gene(s) 	Internal and OEM Methods	Bacteria	Thermocyclers and sequencers Gel documentation system
Phenotypic ID <ul style="list-style-type: none"> bioMérieux api® assays bioMérieux VITEK® 2 assays bioMérieux VITEK® MS Remel RapID™ assays Biochemical assays Antibiotic susceptibility testing O antigen serotyping 	Internal and OEM Methods	Bacteria	bioMérieux VITEK® 2 Analyzer bioMérieux VITEK®MS Analyzer
Viability and identification <ul style="list-style-type: none"> Viability (cell count and growth) Growth properties Morphology 	Internal and OEM Methods	Cell Cultures	Inverted microscopes Automated cell counters



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Biological / Microbiological

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Sterility and Purity <ul style="list-style-type: none"> • Mycoplasma contamination testing • Bacterial and fungal contamination testing • Human virus testing • Membrane filtration test for bacterial and fungal contamination 	Internal and OEM Methods	Cell Cultures	Inverted and fluorescence microscopes bioMérieux BacT/ALERT® 3D Thermocyclers and sequencers Gel documentation system
Genotypic ID <ul style="list-style-type: none"> • PCR and sequencing of selected gene(s) • COI assay (interspecies) • STR analysis (intraspecies) 	Internal and OEM Methods	Cell Cultures	Thermocyclers and sequencers Gel documentation system
Identification <ul style="list-style-type: none"> • PCR and sequencing • IFA 	Internal and OEM Methods	Viruses and Chlamydia	Thermocyclers and sequencers Gel documentation system Microscopes
Viability (infectivity) <ul style="list-style-type: none"> • CEID₅₀ by hemagglutination • TCID₅₀ by CPE or IFA 	Internal Methods	Viruses and Chlamydia	Inverted and fluorescence microscopes
Purity <ul style="list-style-type: none"> • Bacterial and fungal contamination testing • Mycoplasma contamination testing 	Internal and OEM Methods	Viruses and Chlamydia	bioMérieux BacT/ALERT® 3D Microscopes Thermocyclers and sequencers Gel documentation system
Viability and purity <ul style="list-style-type: none"> • Viability (culture and titer) • Cell and/or colony morphology • Purity 	Internal Methods	Fungi and Yeasts	Inverted and dissecting microscopes
Genotypic ID <ul style="list-style-type: none"> • PCR and sequencing of selected genes 	Internal and OEM Methods	Fungi and Yeasts	Thermocyclers and sequencers Gel documentation system

Biological / Microbiological

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Phenotypic ID <ul style="list-style-type: none"> • bioMérieux VITEK® 2 assays • bioMérieux api® assays • bioMérieux VITEK® MS • Genetic marker testing • Sporulation efficiency testing 	Internal and OEM Methods	Fungi and Yeasts	bioMérieux VITEK® 2 Analyzer bioMérieux VITEK®MS Analyzer
<ul style="list-style-type: none"> • PicoGreen® or RiboGreen® analysis • Agarose gel electrophoresis • OD₂₆₀/OD₂₈₀ ratio • PCR and sequencing of selected gene(s) • Inactivation of source organism (BSL 2 or higher) • Digital PCR for quantitative testing • qPCR for quantitative testing 	Internal and OEM Methods	Nucleic Acids	Plate Readers Gel documentation system Spectrophotometers Thermocyclers and sequencers
<ul style="list-style-type: none"> • Viability (cell count) • Cell morphology • Purity • PCR and sequencing of selected genes 	Internal and OEM Methods	Protists	Inverted microscopes Thermocyclers and sequencers Gel documentation system

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-1383.



R. Douglas Leonard Jr., VP, PILR SBU