



# CERTIFICATE OF ACCREDITATION

## ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

**American Type Culture Collection (ATCC)**  
**10801 University Blvd.**  
**Manassas VA 20110**

has been assessed by ANAB  
and meets the requirements of international standard

**ISO/IEC 17025:2005**

while demonstrating technical competence in the field of

**TESTING**

Refer to the accompanying Scope of Accreditation for information regarding the types of tests to which this accreditation applies.

AT-1383  
Certificate Number

  
ANAB Approval

Certificate Valid: 04/11/2017-03/17/2019  
Version No. 004 Issued: 04/11/2017



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. 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 January 2009).



**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005**

**American Type Culture Collection (ATCC)**

10801 University Blvd., Manassas, VA 20110

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**TESTING**

Valid to: March 17, 2019

Certificate Number: AT - 1383

**I. Biological / Microbiological**

| <b>ITEMS, MATERIALS OR PRODUCTS TESTED</b> | <b>SPECIFIC TESTS OR PROPERTIES MEASURED</b>   | <b>SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED</b> | <b>*KEY EQUIPMENT OR TECHNOLOGIES</b>  |
|--|--|---|--|
| Bacteria                                   | Viability and purity <ul style="list-style-type: none"> <li>Gram staining and cell morphology</li> <li>Colony description</li> <li>Viability (culture, stain, and titer)</li> <li>Purity testing</li> </ul>  | Internal and OEM Methods                                | Inverted, dissecting, and fluorescence microscopes   |
| Bacteria                                   | Genotypic ID <ul style="list-style-type: none"> <li>PCR and sequencing of selected gene(s)</li> <li>Ribotype</li> </ul>  | Internal and OEM Methods                                | Thermocyclers and sequencers   |
| Bacteria                                   | Phenotypic ID <ul style="list-style-type: none"> <li>bioMérieux api® assays</li> <li>bioMérieux VITEK® 2 assays</li> <li>bioMérieux VITEK® MS</li> <li>BiOLOG identification technology</li> <li>Remel RapID™ assays</li> <li>Biochemical assays</li> <li>Antibiotic susceptibility testing</li> <li>O antigen serotyping</li> </ul> | Internal and OEM Methods                                | bioMérieux VITEK® 2 Analyzer<br>bioMérieux VITEK®MS Analyzer<br>BiOLOG GEN III                     |
| Cell Cultures                              | Viability and identification <ul style="list-style-type: none"> <li>Viability(cell count and growth)</li> <li>Growth properties</li> <li>Morphology</li> </ul>   | Internal and OEM Methods                                | Inverted microscopes<br>Automated cell counters  |
| Cell Cultures                              | Sterility and Purity <ul style="list-style-type: none"> <li>Mycoplasma contamination testing</li> <li>Bacterial and fungal contamination testing</li> <li>Human virus testing</li> <li>Membrane filtration test for bacterial and fungal contamination</li> </ul>  | Internal and OEM Methods                                | Inverted and fluorescence microscopes<br>bioMérieux BacT/ALERT® 3D<br>Thermocyclers and sequencers |



| ITEMS, MATERIALS OR PRODUCTS TESTED | SPECIFIC TESTS OR PROPERTIES MEASURED   | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED | *KEY EQUIPMENT OR TECHNOLOGIES  |
|-------------------------------------|---|--|---|
| Cell Cultures                       | Genotypic ID <ul style="list-style-type: none"> <li>• PCR and sequencing of selected gene(s)</li> <li>• COI assay (interspecies)</li> <li>• STR analysis (intraspecies)</li> </ul>  | Internal and OEM Methods                         | Thermocyclers and sequencers  |
| Viruses and Chlamydia               | Identification <ul style="list-style-type: none"> <li>• PCR and sequencing</li> <li>• IFA</li> </ul>  | Internal and OEM Methods                         | Thermocyclers and sequencers<br>Microscopes   |
| Viruses and Chlamydia               | Viability (infectivity) <ul style="list-style-type: none"> <li>• CEID<sub>50</sub> by hemagglutination</li> <li>• TCID<sub>50</sub> by CPE or IFA</li> </ul>  | Internal Methods                                 | Inverted and fluorescence microscopes   |
| Viruses and Chlamydia               | Purity <ul style="list-style-type: none"> <li>• Bacterial and fungal contamination testing</li> <li>• Mycoplasma contamination testing</li> </ul>   | Internal and OEM Methods                         | bioMérieux BacT/ALERT® 3D<br>Microscopes<br>Thermocyclers and sequencers                                    |
| Fungi and Yeasts                    | Viability and purity <ul style="list-style-type: none"> <li>• Viability (culture and titer)</li> <li>• Cell and/or colony morphology</li> <li>• Purity</li> </ul>   | Internal Methods                                 | Inverted and dissecting microscopes   |
| Fungi and Yeasts                    | Genotypic ID <ul style="list-style-type: none"> <li>• PCR and sequencing of selected genes</li> </ul>   | Internal and OEM Methods                         | Thermocyclers and sequencers  |
| Fungi and Yeasts                    | Phenotypic ID <ul style="list-style-type: none"> <li>• bioMérieux VITEK® 2 assays</li> <li>• bioMérieux api® assays</li> <li>• bioMérieux VITEK® MS</li> <li>• BiOLOG identification technology</li> <li>• Genetic marker testing</li> <li>• Sporulation efficiency testing</li> </ul>  | Internal and OEM Methods                         | bioMérieux VITEK®<br>2 Analyzer<br>bioMérieux<br>VITEK®MS Analyzer<br>BiOLOG GEN III                        |
| Nucleic Acids                       | <ul style="list-style-type: none"> <li>• PicoGreen® or RiboGreen® analysis</li> <li>• Agarose gel electrophoresis</li> <li>• OD<sub>260</sub>/OD<sub>280</sub> ratio</li> <li>• PCR and sequencing of selected gene(s)</li> <li>• Inactivation of source organism (BSL 2 or higher)</li> <li>• Digital PCR for quantitative testing</li> <li>• qPCR for quantitative testing</li> </ul> | Internal and OEM Methods                         | Plate Readers<br><br>Gel documentation system<br><br>Spectrophotometers<br><br>Thermocyclers and sequencers |
| Protists                            | <ul style="list-style-type: none"> <li>• Viability (cell count)</li> <li>• Cell morphology</li> <li>• Purity</li> <li>• PCR and sequencing of selected genes</li> </ul>   | Internal and OEM Methods                         | Inverted microscopes<br><br>Thermocyclers and sequencers  |



**Notes:**

1. \* = As Applicable
2. This scope is part of and must be included with the Certificate of Accreditation No. AT- 1383



Vice President

