Genomic DNA from *Mycoplasma pneumoniae* FH strain of Eaton Agent [NCTC 10119]

**µCRM-15531D™**

**Description**

Quantified genomic DNA isolated from *Mycoplasma pneumoniae* FH strain of Eaton Agent [NCTC 10119] (ATCC 15531). This quantitative external control was produced under an ISO 17034 accredited process for use in testing and calibration in ISO 17025 accredited laboratories, inclusivity/exclusivity testing, establishing limits of detection, verification or comparison of test methods, and other molecular applications.

- **Organism** *Mycoplasma pneumoniae* Somerson et al.
- **Derived from** *Mycoplasma pneumoniae* FH strain of Eaton Agent [NCTC 10119] (ATCC 15531)
- **Type strain** Yes
- **Specification range** $\geq 1 \times 10^6$ to $1 \times 10^7$ genome copies/$\mu$L

**Storage Conditions**

- **Product format** Frozen
- **Storage conditions** -70°C or colder

**Intended Use**

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

Certified Reference Material produced under an ISO 17034 accredited process.

**BSL 1**

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards
Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Handling Procedures

- 1. Thaw the vial at room temperature.
- 2. Avoid exposing genomic DNA to repeated freeze-thaw cycles. Subjecting genomic DNA to repeated freeze/thaw cycles may result in degradation of the DNA and variations in copies/µL.

Quality Control Specifications

- **Integrity** Integrity of DNA was determined by electrophoresis on a 1% agarose gel stained with ethidium bromide.
- **Functional tests** Functional activity was confirmed by PCR amplification of the 16S ribosomal RNA gene.
- **Identity** Identity confirmed by sequencing of 16S ribosomal RNA gene.

Notes

This preparation of high molecular weight DNA is appropriate for use in the polymerase chain reaction (PCR)* process and other molecular biology applications.

*The PCR process is covered by patents owned by Hoffmann-La Roche Inc. Use of the PCR process requires a license. Droplet Digital™ PCR is a trademark of Bio-Rad Laboratories, Inc.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following
Genomic DNA from *Mycoplasma pneumoniae* FH strain of Eaton Agent [NCTC 10119] (ATCC qCRM-15531D)

References

References and other information relating to this material are available at www.atcc.org.

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