Genomic DNA from *Mycoplasma arginini* strain G230

qCRM-23838D™

Description

Quantified genomic DNA isolated from *Mycoplasma arginini* strain G230 (ATCC 23838). 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 arginini* Barile et al.
Derived from: *Mycoplasma arginini* G230 [NCTC 10129] (ATCC 23838)
Genome sequenced strain: Yes
Type strain: Yes
Specification range: ≥ 1 x 10^6 to 1 x 10^7 genome copies/µL

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 associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

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 free/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.

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 manner: Genomic DNA from *Mycoplasma arginini* strain G230 (ATCC qCRM-23838D)

References

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

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Revision

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