Genomic DNA from *Yersinia enterocolitica* subsp. *enterocolitica*

27739D-5™

Description

Genomic DNA isolated from *Yersinia enterocolitica* subsp. *enterocolitica*. This bacterial strain is also available as ATCC® Catalog No. 27739™.

Organism: *Yersinia enterocolitica* subsp. *enterocolitica* (Schleifstein and Coleman) Frederiksen

Derived from: *Yersinia enterocolitica subsp. enterocolitica* (ATCC 27739)

Genome sequenced strain: Yes

Type strain: No

Mass: 5 µg

Shipping information: Stored in 1X TE buffer

Storage Conditions

Product format: Frozen

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.

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 and immediately place on ice. Avoid exposing the DNA to repeated freeze-thaw cycles as it may result in degradation of the DNA.
2. Gently mix the sample to ensure an even distribution of material.
3. Briefly centrifuge the tube before opening to ensure all liquid is at the bottom.

Quality Control Specifications

Total amount: Total DNA by PicoGreen® measurement was found to be approximately 5 µg.
Purity (A260/A280): 1.6 to 2.0
Integrity: Integrity of DNA was determined by electrophoresis on a 1% agarose gel stained with SYBR Safe™, and was found to be of high molecular weight.
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 (first ~500 base pairs).

Notes

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Genomic DNA is appropriate for PCR and other molecular biology applications.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Genomic DNA from *Yersinia enterocolitica* subsp. *enterocolitica* (ATCC 27739D-5)

References

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

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Revision

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