



# Quantitative Genomic DNA from *Yersinia enterocolitica* subsp. *enterocolitica* strain 33114

9610DQ™

## Description

Quantitative genomic DNA from *Yersinia enterocolitica* subsp. *enterocolitica* strain 33114 can be used for assay development, verification, and validation as well as monitoring of day-to-day test variation and lot-to-lot performance of molecular-based assays. The quantitative format allows for the generation of a standard curve for quantitative PCR (qPCR) to determine bacterial load.

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

**Derived from:** *Yersinia enterocolitica* subsp. *enterocolitica* 33114 [CCUG 11291, CCUG 12369, CIP 80.27, DSM 4780, LMG 7899, NCTC 12982] (ATCC 9610)

**Genome sequenced strain:** Yes

**Type strain:** Yes

**Specification range:**  $\geq 1 \times 10^5$  copies/ $\mu$ L

**Volume:** 100  $\mu$ L

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## Storage Conditions

**Product format:** Frozen

**Storage conditions:** -20°C or colder

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## Intended Use

This product is intended for laboratory research use only. It is not intended for any

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animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

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## BSL 1

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## 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.
  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.
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## Notes

Aliquoting is highly recommended to avoid multiple freeze-thaws.

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### Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Quantitative Genomic DNA from *Yersinia enterocolitica* subsp. *enterocolitica* strain 33114 (ATCC 9610DQ)

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### References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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## Revision

## Quantitative Genomic DNA from *Yersinia enterocolitica* subsp. *enterocolitica* strain 33114

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This information on this document was last updated on 2024-04-02

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