



# Quantitative Genomic DNA from *Candida lusitaniae* strain IFO 1019

34449DQ™

## Description

ATCC® Genuine Nucleics can be used for assay development, verification, validation, 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 fungal load.

**Organism:** *Candida lusitaniae* van Uden et do Carmo Sousa

**Derived from:** *Candida lusitaniae* IFO 1019 [CBS 4413, CCRC 20326, DBVPG 6142, IGC 2705, JCM 1814, NRRL Y-11826, NRRL Y-5394] ([ATCC 34449](#))

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

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BSL 1

Product Sheet

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.

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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 *Candida lusitanae* strain IFO 1019

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34449DQ  
(ATCC 34449DQ)

Product Sheet

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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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Product Sheet

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## Revision

This information on this document was last updated on 2025-04-07

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## Contact Information

## Quantitative Genomic DNA from *Candida lusitanae* strain IFO 1019

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