



# Genomic DNA from *Mycoplasma bovis* strain Donetta PG45

25523D™

## Description

Genomic DNA isolated from *Mycoplasma bovis* strain Donetta PG45 (ATCC 25523).

This whole-genome sequenced product can be used in PCR and other molecular biology applications.

**Organism:** *Mycoplasma bovis* (Hale et al.) Gupta et al.

**Derived from:** *Mycoplasma bovis* Donetta PG45 (ATCC 25523)

**Genome sequenced strain:** Yes

**Type strain:** Yes

**Concentration:** 1.0 ng/μL

**Mass:** 50 ng

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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

ATCC determines the biosafety level of a material based on our risk assessment as

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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 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.
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### Quality Control Specifications

**Integrity:** Integrity of DNA was determined by electrophoresis on a 1% agarose gel stained with ethidium bromide, and was found to be intact and of high molecular weight.

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### Notes

Genomic DNA isolated from bacteria is appropriate for PCR\* and other molecular biology applications.

\*The polymerase chain reaction (PCR) process is covered by patents owned by

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Hoffmann-LaRoche Inc. Use of the PCR process requires a license.

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### Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Genomic DNA from *Mycoplasma* *bovis* strain Donetta PG45 (ATCC 25523D)

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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

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This information on this document was last updated on 2023-02-25

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