



Quantitative Genomic DNA from *Babesia microti* strain Gray

30221D™

Description

DNA quantitated by PCR.

Organism: *Babesia microti* (Franca) Reichenow

Derived from: *Babesia microti* Gray (ATCC 30221)

Mass: 200 ng

Storage Conditions

Product format: Frozen

Storage conditions: -20°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.

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.

Handling Procedures

1. Thaw the vial at room temperature and immediately place on ice.
 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

Purity (A260/A280): 1.6 to 2.1

Integrity: Integrity of DNA was determined by electrophoresis on a 1.2% agarose gel stained with nucleic acid stain, and was found to be intact and of high molecular weight.

Functional tests: Functional activity was confirmed by PCR amplification of *B. microti* ITS1, 5.8S rRNA, ITS2.

Identity: Identity confirmed by sequencing of ITS1, 5.8S rRNA, ITS2.

Notes

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: Quantitative Genomic DNA from *Babesia microti* strain Gray (ATCC

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References

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

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Contact Information

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