



# Genomic DNA from *Leishmania* *infantum* strain MHOM/TN/80/IPT- 1

50134D™

## Description

Genomic DNA isolated from *Leishmania infantum* MHOM/TN/80/IPT-1.

**Organism:** *Leishmania infantum* Nicolle

**Derived from:** *Leishmania infantum* MHOM/TN/80/IPT-1 (ATCC 50134)

**Type strain:** No

**Mass:** 2 µg

**Shipping information:** Stored in 1X TE buffer

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## Storage Conditions

**Product format:** Dried

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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

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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. Rehydrate contents of vial with 1X TE or molecular grade H<sub>2</sub>O.
  2. Place vial at 55°C for 30 minutes to 1 hour or at 22°C overnight.
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## Quality Control Specifications

**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 a 1.5 kb fragment of the *Leishmania infantum* SSU rRNA gene.

**Identity:** Identity confirmed by sequencing of 1.5 kb PCR product.

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## Notes

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

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

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by 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 *Leishmania infantum* strain MHOM/TN/80/IPT-1 (ATCC 50134D)

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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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## Copyright and Trademark Information

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Product Sheet

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## Revision

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