



Genomic DNA from *Leishmania donovani* strain Khartoum

30030D™

Description

Genomic DNA isolated from *Leishmania donovani* strain Khartoum (ATCC 30030). This product can be used in PCR and other molecular biology applications.

Organism: *Leishmania donovani*

Derived from: *Leishmania donovani* Khartoum (ATCC 30030)

Type strain: No

Mass: 2 µg

Shipping information: Stored in 1X TE buffer

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

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

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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.

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.
 2. Avoid exposing genomic DNA to repeated freeze-thaw cycles. Subjecting genomic DNA to repeated free-thaw cycles may result in degradation of the DNA and variations in copies/ μ L
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Quality Control Specifications

Electrophoresis - RNA content: No RNA was detected by electrophoresis

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 the 18S ribosomal RNA gene.

Identity: Identity confirmed by sequencing of 18S ribosomal RNA gene.

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 by

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

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Genomic DNA from *Leishmania donovani* strain Khartoum (ATCC 30030D)

References

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

Warranty

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Disclaimers

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Revision

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