Genomic DNA from *Blastocystis hominis* strain Nand II

50177D™

Description

Genomic DNA isolated from *Blastocystis hominis* Nand II.
Organism: *Blastocystis hominis* Brumpt
Derived from: *Blastocystis hominis* Nand II (ATCC 50177)
Type strain: No
Mass: 2 µg

Storage Conditions

Product format: Dried

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 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. Rehydrate contents of vial with 1X TE or molecular grade H_2O.

2. Place vial at 55ºC for 30 minutes to 1 hour or at 22°C overnight.

Quality Control Specifications

Purity (A260/A280): 1.6 to 2.0
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 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 *Blastocystis hominis* strain Nand II (ATCC 50177D)

References

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

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