

Genomic DNA from *Acanthamoeba* sp., Strain CDC:12741:1

Catalog No. NR-46511

For research use only. Not for human use.

Contributor and Manufacturer:

BEI Resources

Product Description:

Genomic DNA was isolated from *Acanthamoeba* sp., strain CDC:12741:1, which was isolated from lung tissue.¹ *Acanthamoeba* sp., strain CDC:12741:1 was deposited to BEI Resources as type T4 based on 18S ribosomal RNA gene sequence analysis.¹

NR-46511 has been qualified for PCR applications by amplification of approximately 400 base pairs of the 18S ribosomal RNA gene.

Material Provided:

Each vial of NR-46511 contains 1 µg to 3 µg of frozen genomic DNA in TE buffer (10 mM Tris-HCL, 0.5 mM EDTA, pH 9). The vial should be centrifuged prior to opening.

Packaging/Storage:

NR-46511 was packaged aseptically, in screw-capped plastic cryovials. The product is provided frozen and should be stored at -20°C or colder upon arrival. Freeze-thaw cycles should be minimized.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Genomic DNA from *Acanthamoeba* sp., Strain CDC:12741:1, NR-46511."

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. [Biosafety in Microbiological and Biomedical Laboratories](#). 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

Disclaimers:

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References:

1. Booton, G. C., et al. "Identification and Distribution of *Acanthamoeba* Species Genotypes Associated with Nonkeratitis Infections." [J. Clin. Microbiol.](#) 43 (2005): 1689-1693. PubMed: 15814986.

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