

Genomic DNA from *Encephalitozoon intestinalis*, Alveolar Isolate

Catalog No. NR-34575

For research use only. Not for human use.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Genomic DNA was extracted from a preparation of *Encephalitozoon intestinalis* (*E. intestinalis*), alveolar isolate, which was isolated in 1994 from an AIDS patient in New York, USA.¹

The complete genome of *E. intestinalis*, alveolar isolate is available (GenBank: [CP001942](#) to [CP001952](#)).

NR-34575 has been qualified for PCR applications by amplification of approximately 1200 base pairs of 18S ribosomal RNA.

Material Provided:

Each vial contains fungal genomic DNA in buffer. Please refer to the Certificate of Analysis for the specific buffer used for each lot. The vial should be centrifuged prior to opening.

Packaging/Storage:

NR-34575 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen and should be stored at -20°C or colder immediately 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 *Encephalitozoon intestinalis*, Alveolar Isolate, NR-34575.”

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/bmb15/index.htm.

Disclaimers:

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References:

1. Didier, E. S., et al. “Characterization of *Encephalitozoon (Septata) intestinalis* Isolates Cultured from Nasal Mucosa and Bronchoalveolar Lavage Fluids of Two AIDS Patients.” *J. Eukaryot. Microbiol.* 43 (1996): 34-43. PubMed: 8563708.
2. Hartskeerl, R. A., et al. “Genetic and Immunological Characterization of the Microsporidian *Septata intestinalis* Cali, Kotler and Orenstein, 1993: Reclassification to *Encephalitozoon intestinalis*.” *Parasitology* 110 (1995): 277-285. PubMed: 7724235.

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