

**Genomic DNA from *Giardia lamblia*, Strain Be-1**

**Catalog No. NR-13401**

**For research use only. Not for human use.**

**Contributor:**

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**Manufacturer:**

BEI Resources

**Product Description:**

Genomic DNA was isolated from *Giardia lamblia* (*G. lamblia*), strain Be-1 (Beaver-1, IP-0482:1), which was isolated by Dr. Faubert and M. Belosevic from cysts obtained from beaver feces found in pond mud in Banff National Park, Canada. The cysts were axenized at the National Institutes of Health.<sup>1</sup>

NR-13401 has been qualified for PCR applications by amplification of the CTP synthase gene.

**Material Provided:**

Each vial of NR-13401 contains 0.5 to 3 µg of frozen genomic DNA in TE buffer (10 mM Tris-HCl, 1 mM EDTA, pH ~ 7.4). The vial should be centrifuged prior to opening.

**Packaging/Storage:**

NR-13401 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 *Giardia lamblia*, Strain Be-1, NR-13401."

**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](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

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**References:**

1. Nash, T. E., et al. "Restriction-Endonuclease Analysis of DNA from 15 *Giardia* Isolates Obtained from Humans and Animals." J. Infect. Dis. 152 (1985): 64-73. PubMed: 2409186.

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