

Genomic DNA from *Clostridium bolteae*, Strain WAL-14578

Catalog No. HM-318D

For research use only. Not for human use.

Contributor:

Emma Allen-Vercoe, Assistant Professor, Department of Molecular and Cellular Biology, University of Guelph, Guelph, Ontario, Canada

Manufacturer:

BEI Resources

Product Description:

Genomic DNA was obtained from a preparation of *Clostridium bolteae* (*C. bolteae*), strain WAL-14578. **Note:** The HMP material used for DNA extraction was taxonomically classified by the depositor. Quality control of HMP organisms is only performed to demonstrate that the material produced by BEI Resources is identical to the deposited material.

C. bolteae, strain WAL-14578 ([HMP ID 9472](#)) was recovered from the stool of a male child with late-onset autism who had not received antimicrobial therapy.^{1,2} It is a reference genome for [The Human Microbiome Project](#) (HMP). HMP is an initiative to identify and characterize human microbial flora. The complete genome of *C. bolteae* WAL-14578 is currently being sequenced at the [Broad Institute](#).

HM-318D has been qualified for PCR applications by amplification of approximately 1500 bp of the 16S ribosomal RNA gene.

Material Provided:

Each vial contains 0.7 to 1.5 µg of bacterial genomic DNA in TE buffer (10 mM Tris-HCl and 1 mM EDTA, pH ~ 8.0). The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

Packaging/Storage:

HM-318D was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen on dry ice 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 as part of the Human Microbiome Project: Genomic DNA from *Clostridium bolteae*, Strain WAL-14578, HM-318D."

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, 2007; see <http://www.cdc.gov/biosafety/publications/bmbl5/index.htm>.

Disclaimers:

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References:

1. [HMP 9472](#) (*Clostridium bolteae*, strain WAL-14578)
2. Song, Y., et al. "*Clostridium bolteae* sp. nov., Isolated from Human Sources." *Syst. Appl. Microbiol.* 26 (2003): 84-89. PubMed: 12747414.

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