

Genomic DNA from *Clostridioides difficile*, Isolate 9**Catalog No. NR-13600****For research use only. Not for human use.****Contributor and Manufacturer:**

BEI Resources

Product Description:

Genomic DNA was extracted from a preparation of *Clostridioides difficile*, isolate 9, which was isolated from a human patient from the Mid-Atlantic region of the United States in 2008/2009. (Previously referred to as *Clostridium difficile*, this genus has been reclassified^{2,3} and the genus designation on the vial label refers to the old nomenclature).^{1,2}

NR-13600 has been qualified for PCR applications by amplification of approximately 1500 base pairs of the 16S ribosomal RNA gene.

Material Provided:

Each vial contains 0.7 µg to 1.5 µg of bacterial genomic DNA in TE buffer (10 mM Tris-HCl and 1 mM EDTA, pH ~ 8). The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

Packaging/Storage:

NR-13600 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: Genomic DNA from *Clostridioides difficile*, Isolate 9, NR-13600."

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. Lawson, P. A., et al. "Reclassification of *Clostridium difficile* as *Clostridioides difficile* (Hall and O'Toole 1935) Prévot 1938." *Anaerobe* 40 (2016): 95-99. PubMed: 27370902.
2. Oren, A. and G. M. Garrity. "List of New Names and New Combinations Previously Effectively, but not Validly, Published." *Int. J. Syst. Evol. Microbiol.* 66 (2016): 3761-3764. PubMed: 27902176.

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