

Genomic DNA from Clostridiales bacterium, Strain 3_1_39B/D5

Catalog No. HM-84D

For research use only. Not for human use.

Contributor:

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Product Description:

Genomic DNA was extracted from a preparation of Clostridiales bacterium, strain 3_1_39B/D5. [HM-84 was deposited to BEI Resources as unclassified *Clostridium*; digital DNA-DNA hybridization (dDDH) analysis, performed at BEI Resources, could not confirm the species-level classification.]

This isolate was obtained from healthy biopsy tissue from the gastrointestinal tract of a 44-year-old woman undergoing a colon cancer screen procedure in Alberta, Canada in 2007.¹ It is a reference genome for [The Human Microbiome Project](#) (HMP). HMP is an initiative to identify and characterize human microbial flora.

HM-84D has been qualified for PCR applications by amplification of approximately 1500 base pairs of the 16S ribosomal RNA.

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-84D 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 Clostridiales bacterium, Strain 3_1_39B/D5, HM-84D."

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. Allen-Vercoe, E., Personal Communication.

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