

Product Information Sheet for HM-370D

Genomic DNA from *Lactobacillus crispatus*, Strain EX849587VC01

Catalog No. HM-370D

For research use only. Not for human use.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Genomic DNA was obtained from a preparation of *Lactobacillus crispatus* (*L. crispatus*), strain EX849587VC01. **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.

Lactobacillus crispatus (*L. crispatus*), strain EX849587VC01 was isolated from a human mid-vaginal wall in March 2010 in Richmond, Virginia.^{1,2} *L. crispatus*, strain EX849587VC01 (HMP ID 9631) is a reference genome for [The Human Microbiome Project](#) (HMP). HMP is an initiative to identify and characterize human microbial flora. *L. crispatus*, strain EX849587VC01 is currently being sequenced at [Virginia Commonwealth University](#).

HM-370D 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-370D 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 *Lactobacillus crispatus*, Strain EX849587VC01, HM-370D."

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:

You are authorized to use this product for research use only. It is not intended for human use.

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References:

1. G. A. Buck, personal communication.
2. [HMP ID 9631](#) (*L. crispatus*, strain EX849587VC01)

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