

***Bacteroides fingoldii*, Strain CL09T03C10**

Catalog No. HM-727

For research use only. Not for human use.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Bacteria Classification: *Bacteroidaceae*, *Bacteroides*

Species: *Bacteroides fingoldii*

Strain: CL09T03C10

Original Source: *Bacteroides fingoldii* (*B. fingoldii*), strain CL09T03C10 was isolated from healthy adult human feces in Massachusetts, USA.^{1,2}

Comments: *B. fingoldii*, strain CL09T03C10 ([HMP ID 1057](#)) 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 *B. fingoldii*, strain CL09T03C10 was sequenced at the [Broad Institute](#) (GenBank: [AGXW000000000](#)).

Note: HMP material is taxonomically classified by the depositor. Quality control of these materials is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material.

B. fingoldii is a Gram-negative, strictly anaerobic, non-motile, non-spore-forming rod typically found among the cultivable microbiota in human feces.^{3,4}

Material Provided:

Each vial contains approximately 0.5 mL of bacterial culture in Modified Reinforced Clostridial broth supplemented with 10% glycerol.

Note: If homogeneity is required for your intended use, please purify prior to initiating work.

Packaging/Storage:

HM-727 was packaged aseptically, in screw-capped plastic cryovials. The product is provided frozen and should be stored at -60°C or colder immediately upon arrival. For long-term storage, the vapor phase of a liquid nitrogen freezer is recommended. Freeze-thaw cycles should be avoided.

Growth Conditions:

Media:

Modified Reinforced Clostridial broth or Modified Chopped Meat broth or equivalent

Tryptic Soy agar with 5% defibrinated sheep blood or equivalent

Incubation:

Temperature: 37°C

Atmosphere: Anaerobic

Propagation:

1. Keep vial frozen until ready for use, then thaw.
2. Transfer the entire thawed aliquot into a single tube of broth.
3. Use several drops of the suspension to inoculate an agar slant and/or plate.
4. Incubate the tube, slant and/or plate at 37°C for 2 to 3 days.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH as part of the Human Microbiome Project: *Bacteroides fingoldii*, Strain CL09T03C10, HM-727."

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/bmb15/index.htm.

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References:

1. Comstock, L. E., Personal Communication.
2. [HMP ID 1057](#) (*B. finegoldii*, strain CL09T03C10)
3. Bakir, M. A., et al. "*Bacteroides finegoldii* sp. nov., Isolated from Human Faeces." *Int. J. Syst. Evol. Microbiol.* 56 (2006): 931-935. PubMed: 16627634.
4. Wexler, H. M. "*Bacteroides*: the Good, the Bad, and the Nitty-Gritty." *Clin. Microbiol. Rev.* 20 (2007): 593-621. PubMed: 17934076.
5. Ribeiro, F. J., et al. "Finished Bacterial Genomes from Shotgun Sequence Data." *Genome Res.* 22 (2012): 2270-2277. PubMed: 22829535.
6. Coyne, M. J., K. G. Roelofs and L. E. Comstock. "Type VI Secretion Systems of Human Gut Bacteroidales Segregate into Three Genetic Architectures, Two of which are Contained on Mobile Genetic Elements." *BMC Genomics* 17 (2016): 58. PubMed: 26768901.

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