

***Parabacteroides goldsteinii*, Strain CC87F**

Catalog No. HM-1050

For research use only. Not for human use.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Bacteria Classification: *Porphyromonadaceae*, *Parabacteroides*

Species: *Parabacteroides goldsteinii*

Strain: CC87F

Original Source: *Parabacteroides goldsteinii* (*P. goldsteinii*), strain CC87F was isolated in October 2010 from colonic biopsy tissue of a human subject in Victoria, British Columbia, Canada.¹

Comments: *P. goldsteinii*, strain CC87F ([HMP ID 1178](#)) 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 *P. goldsteinii*, strain CC87F is currently being sequenced at the [Broad Institute](#).

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.

P. goldsteinii is an obligately anaerobic, non-sporulating, Gram-negative rod recovered from the human gut and associated with intra-abdominal infections and bacteremia.²⁻⁴

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-1050 was packaged aseptically in 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 medium 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 24 to 72 hours.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH as part of the Human Microbiome Project: *Parabacteroides goldsteinii*, Strain CC87F, HM-1050."

Biosafety Level: 2

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.

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References:

1. Allen-Vercoe, E., Personal Communication.
2. Song, Y., et al. "*Bacteroides goldsteinii* sp. nov.' Isolated from Clinical Specimens of Human Intestinal Origin." J. Clin. Microbiol. 43 (2005): 4522-4527. PubMed: 16145101.
3. Awadel-Kariem, F. M., et al. "First Report of *Parabacteroides goldsteinii* Bacteraemia in a Patient with Complicated Intra-Abdominal Infection." Anaerobe 16 (2010): 223-225. PubMed: 20139022.
4. Sakamoto, M. and Y. Benno. "Reclassification of *Bacteroides distasonis*, *Bacteroides goldsteinii* and *Bacteroides merdae* as *Parabacteroides distasonis* gen. nov., comb. nov., *Parabacteroides goldsteinii* comb. nov. and *Parabacteroides merdae* comb. nov." Int. J. Syst. Evol. Microbiol. 56 (2006): 1599-1605. PubMed: 16825636.

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