

**Coprococcus sp., Strain HPP0048**

**Catalog No. HM-794**

**For research use only. Not for human use.**

**Contributor:**

Thomas M. Schmidt, Professor, Department of Microbiology and Molecular Genetics, Michigan State University, East Lansing, Michigan, USA

**Manufacturer:**

BEI Resources

**Product Description:**

Bacteria Classification: *Lachnospiraceae, Coprococcus*

Species: *Coprococcus* sp.

Strain: HPP0048

Original Source: *Coprococcus* sp., strain HPP0048 was isolated from a biopsy of ileal-anal pouch mucosa of a human subject.<sup>1,2</sup>

Comments: *Coprococcus* sp., strain HPP0048 ([HMP\\_ID 1216](#)) 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 *Coprococcus* sp., strain HPP0048 was sequenced at the [Broad Institute](#) (GenBank: [AGEW00000000](#)).

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.

*Coprococcus* species are typically nonmotile, obligately anaerobic, Gram-positive cocci that actively ferment carbohydrates and normally colonize the lower gastrointestinal tract of humans.<sup>3</sup>

**Material Provided:**

Each vial contains approximately 0.5 mL of bacterial culture in Chopped Meat Carbohydrate medium supplemented with 10% glycerol.

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

**Packaging/Storage:**

HM-794 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:

Chopped Meat Carbohydrate medium or equivalent

Note: HM-794 did not grow on Tryptic Soy agar with 5% sheep blood

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 48 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: *Coprococcus* sp., Strain HPP0048, HM-794."

**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](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

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**References:**

1. Schmidt, T. M., Personal Communication.
2. [HMP ID 1216](#) (*Coprococcus* sp., strain HPP0048)
3. Holdeman, L. V. and W. E. C. Moore. "New Genus, *Coprococcus*, Twelve New Species, and Amended Descriptions of Four Previously Described Species of Bacteria from Human Feces." Int. J. Syst. Bacteriol. 24 (1974): 260-277.

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