

***Clostridium cadaveris*, Strain CC88A**

Catalog No. HM-1041

For research use only. Not for human use.

Contributors:

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Manufacturer:

BEI Resources

Product Description:

Bacteria Classification: *Clostridiaceae*, *Clostridium*

Species: *Clostridium cadaveris*

Strain: CC88A

Original Source: *Clostridium cadaveris* (*C. cadaveris*), strain CC88A was isolated in October 2010 from colonic biopsy tissue of a human subject in Victoria, British Columbia, Canada.¹

Comments: *C. cadaveris*, strain CC88A ([HMP ID 1190](#)) 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 *C. cadaveris*, strain CC88A 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.

C. cadaveris is a Gram-positive, obligately anaerobic, motile, rod-shaped bacterium that can be found in soil, aquatic sediments, and as a normal component of the human intestinal tract. Unlike other *Clostridium* species, *C. cadaveris* does not produce toxins and is usually considered non-pathogenic. Rare cases of human infections have been reported, mainly in immunocompromised hosts.²⁻⁵

Material Provided:

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

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

Packaging/Storage:

HM-1041 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 48 hours.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH as part of the Human Microbiome Project: *Clostridium cadaveris*, Strain CC88A, HM-1041."

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. Leung, J., et al. "*Clostridium cadaveris* Intra-Peritoneal Abscess." Am. J. Gastroenterol. 104 (2009): 2635-2636. PubMed: 19806102.
3. Schade, R. P., et al. "*Clostridium cadaveris* Bacteraemia: Two Cases and Review." Scand. J. Infect. Dis. 38 (2006): 59-62. PubMed: 16338840.
4. Poduval, R. D., et al. "*Clostridium cadaveris* Bacteremia in an Immunocompetent Host." Clin. Infect. Dis. 29 (1999): 1354-1355. PubMed: 10525006.
5. Stolk-Engelaar, V., et al. "Pleural Empyema Due to *Clostridium difficile* and *Clostridium cadaveris*." Clin. Infect. Dis. 25 (1997): 160. PubMed: 9243057.

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