

Product Information Sheet for HM-1059

Solobacterium moorei, Strain CC57E

Catalog No. HM-1059

For research use only. Not for human use.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Bacteria Classification: *Erysipelotrichaceae*, *Solobacterium*

Species: *Solobacterium moorei*

Strain: CC57E

Original Source: *Solobacterium moorei* (*S. moorei*), strain CC57E was isolated in October 2010 from colonic biopsy tissue of a human subject in Victoria, British Columbia, Canada.¹

Comments: *S. moorei*, strain CC57E ([HMP ID 1183](#)) 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 *S. moorei*, strain CC57E 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.

S. moorei is usually an obligately anaerobic, non-sporulating, non-motile, Gram-positive rod that is often found in the human mouth (associated with periodontitis and halitosis) and intestinal tract. *S. moorei* has been implicated in clinical infections on rare occasions.²

Material Provided:

Each vial contains approximately 0.5 mL of bacterial culture in Modified Todd-Hewitt broth supplemented with 10% glycerol.

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

Packaging/Storage:

HM-1059 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 Todd-Hewitt broth or equivalent
Eggerth-Gagnon agar 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 1 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: *Solobacterium moorei*, Strain CC57E, HM-1059."

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.

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References:

1. Allen-Vercoe, E., Personal Communication.
2. Kageyama, A. and Y. Benno. "Phylogenic and Phenotypic Characterization of Some *Eubacterium*-Like Isolates from Human Feces: Description of *Solobacterium moorei* gen. nov., sp. nov." *Microbiol. Immunol.* 44 (2000): 223-227. PubMed: 10832964.

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