

Staphylococcus caprae, Strain C87

Catalog No. HM-246

For research use only. Not for use in humans.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Bacteria Classification: *Staphylococcaceae*, *Staphylococcus*

Species: *Staphylococcus caprae*

Strain: C87

Original Source: *Staphylococcus caprae* (*S. caprae*), strain C87 was isolated from expectorated sputum from a 31-year-old male patient with cystic fibrosis.¹

Comments: *S. caprae*, strain C87 ([HMP_ID_0786](#)) is a reference genome for [The Human Microbiome Project](#) (HMP). HMP is an initiative to identify and characterize human microbial flora. The whole genome of *S. caprae*, strain C87 was sequenced at the [Broad Institute](#) (GenBank: [ACRH00000000](#)).

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. caprae is a facultatively aerobic, Gram-positive, mesophilic, non-motile coccus found on normal human skin. It is an opportunistic pathogen in immunocompromised patients, implicated in infections of the bloodstream, urinary tract, bones and joints.²

Material Provided:

Each vial contains approximately 0.5 mL of bacterial culture in Tryptic Soy broth supplemented with 10% glycerol.

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

Packaging/Storage:

HM-246 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:

Tryptic Soy broth or equivalent

Tryptic Soy agar with 5% defibrinated sheep blood or equivalent

Incubation:

Temperature: 37°C

Atmosphere: Aerobic

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 day.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH as part of the Human Microbiome Project: *Staphylococcus caprae*, Strain C87, HM-246."

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](#). 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

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References:

1. [HMP 0786](#) (*Staphylococcus caprae*, strain C87)
2. Shuttleworth, R., et al. "Human Isolates of *Staphylococcus caprae*: Association with Bone and Joint Infections." J. Clin. Microbiol. 35 (1997): 2537-2541. PubMed: 9316903.

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