Staphylococcus epidermidis, Strain NIHLM001

Catalog No. HM-896

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Contributor:
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Manufacturer:
BEI Resources

Product Description:
Bacteria Classification: Staphylococcaceae, Staphylococcus
Species: Staphylococcus epidermidis
Strain: NIHLM001
Original Source: Staphylococcus epidermidis (S. epidermidis), strain NIHLM001 was isolated in 2008 from an alar crease of a healthy 27-year-old white male volunteer in the United States.1,2
Comments: S. epidermidis, strain NIHLM001 is reported to be sensitive to methicillin.1,2

S. epidermidis is a very hearty, Gram-positive, cluster-forming coccus that normally colonizes human skin and nostrils. It is the most common source of infection on indwelling medical devices, particularly catheters, and is now seen as an important opportunistic pathogen.3

Material Provided:
Each vial contains approximately 0.5 mL of bacterial culture in Nutrient broth supplemented with 10% glycerol.

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

Packaging/Storage:
HM-896 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:
Brain Heart Infusion broth or equivalent

Tryptic Soy agar with 5% 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 epidermidis, Strain NIHLM001, HM-896.”

Biosafety Level: 1


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References:
4. HMP ID 9975 (S. epidermidis, strain NIHLM001)

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