**Product Information Sheet for HM-902**

**Staphylococcus epidermis, Strain NIHLM018**

**Catalog No. HM-902**

For research use only. Not for use in humans.

**Contributor:**
Julia A. Segre, Ph.D., Senior Investigator, Epithelial Biology Section, National Human Genome Research Institute, National Institutes of Health, Bethesda, Maryland, USA

**Manufacturer:**
BEI Resources

**Product Description:**
- **Bacteria Classification:** Staphylococcaceae, Staphylococcus
- **Species:** Staphylococcus epidermidis
- **Strain:** NIHLM018
- **Original Source:** Staphylococcus epidermidis (S. epidermidis), strain NIHLM018 was isolated in 2008 from the umbilicus of a healthy 39-year-old African-American female volunteer in the United States.\(^1\)\(^2\)
- **Comments:** S. epidermidis, strain NIHLM018 is reported to be sensitive to methicillin.\(^1\)\(^2\) S. epidermidis, strain NIHLM018 (HMP ID 9979) 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. epidermidis, strain NIHLM018 was sequenced at the NIH Intramural Sequencing Center (GenBank: AKGY0000000).\(^2\)
- **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. 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 Brain Heart Infusion broth supplemented with 10% glycerol.

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

**Packaging/Storage:**
HM-902 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.

**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 NIHLM018, HM-902.”

**Biosafety Level:**
1

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www.beiresources.org

E-mail: contact@beiresources.org

Tel: 800-359-7370

Fax: 703-365-2898

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References:
4. HMP ID 9979 (S. epidermidis, strain NIHLM018)

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