**Staphylococcus capitis**, Strain SK14

**Catalog No. HM-117**

For research use only. Not for human use.

**Contributor:**
Guillermo I. Perez-Perez, D.Sc., Associate Professor of Medicine, Departments of Medicine and Microbiology, School of Medicine, New York University, New York, New York, USA

**Manufacturer:**
BEI Resources

**Product Description:**

- **Bacteria Classification:** Staphylococcaceae, Staphylococcus
- **Species:** Staphylococcus capitis
- **Strain:** SK14
- **Original Source:** Staphylococcus capitis (S. capitis), strain SK14 was isolated from normal skin of the right arm of a 58-year-old man.\(^1\)\(^2\)
- **Comments:** S. capitis, strain SK14 (HMP ID 0785) 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. capitis, strain SK14 was sequenced at the J. Craig Venter Institute (GenBank: ACFR00000000).

**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. capitis is a facultatively aerobic, Gram-positive, non-motile, non-sporulent coccus found on normal human skin, predominately on the scalp.\(^3\) It is an opportunistic pathogen in premature neonates and immunocompromised patients, particularly in the presence of a foreign body.\(^4\)\(^9\)

**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-117 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:** Nutrient broth or equivalent
- **Nutrient agar 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 capitis*, Strain SK14, HM-117.”

**Biosafety Level:** 1


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References:
1. Perez-Perez, G. I., Personal Communication.
2. HMP ID 0785 (Staphylococcus capitis, strain SK14)

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