**Staphylococcus capitis**, Strain VCU116

Catalog No. NR-46394

For research use only. Not for use in humans.

**Contributor:**
Network on Antimicrobial Resistance in *Staphylococcus aureus* (NARSA), NIAID, NIH

**Manufacturer:**
BEI Resources

**Product Description:**

**Bacteria Classification:** Staphylococcaceae, *Staphylococcus*

**Species:** *Staphylococcus capitis*

**Strain:** VCU116

NARSA Catalog Number: NRS866

**Original Source:** *Staphylococcus capitis* (*S. capitis*), strain VCU116 is of unknown origin.

**Comments:** The complete genome sequence of *S. capitis*, strain VCU116 has been sequenced (GenBank: AFTX00000000).

*S. capitis* is a facultatively aerobic, Gram-positive, non-motile, non-sporulent coccus found on normal human skin, predominately on the scalp. Along with other members of the coagulase negative staphylococci (CoNS), *S. capitis* is an emerging opportunistic nosocomial pathogen in premature neonates and immunocompromised patients. *S. capitis* is prevalent particularly in the presence of a foreign body, such as indwelling central venous catheters and prosthetic heart valves.3,4,5

**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:**
NR-46394 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 Tryptic Soy broth or equivalent
Brain Heart Infusion agar or Tryptic Soy agar or 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 provided by the Network on Antimicrobial Resistance in *Staphylococcus capitis* (NARSA) for distribution through BEI Resources, NIAID, NIH: *Staphylococcus capitis*, Strain VCU116, NR-46394."

**Biosafety Level: 2**


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References:
1. NARSA, NRS866

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