**Staphylococcus aureus, Strain TN-305**

Catalog No. NR-46373

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**Contributor:**
Centers for Disease Control and Prevention, Atlanta, Georgia, USA

**Manufacturer:**
BEI Resources

**Product Description:**
- **Bacteria Classification:** Staphylococcaceae, Staphylococcus
- **Species:** Staphylococcus aureus
- **Strain:** TN-305
- **NARSA Catalog Number:** NRS883
- **Original Source:** Staphylococcus aureus (S. aureus), strain TN-305 was isolated in April 2008 from pleural fluid of a patient in Tennessee, USA.

**Comments:** S. aureus, strain TN-305 is a methicillin-resistant S. aureus (MRSA) strain. Strain TN-305 was deposited as positive for mec (subtype IV) and PVL; negative for tsst; pulsed-field type USA100. Note: Methicillin is no longer clinically used, however, the term methicillin-resistant Staphylococcus aureus (MRSA) continues to be used to describe S. aureus strains resistant to all penicillins.

**Growth Conditions:**
- **Media:** Brain Heart Infusion broth or Tryptic Soy broth or equivalent
- **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 18 to 24 hours.

**Citation:**
Acknowledgment for publications should read “The following reagent was provided by the Network on Antimicrobial Resistance in Staphylococcus aureus (NARSA) for distribution by BEI Resources, NIAID, NIH: Staphylococcus aureus, Strain TN-305, NR-46373.”

**Biosafety Level:**
2

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References:
1. NARSA, NRS883

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