

***Staphylococcus aureus*, Strain TCH1516**

Catalog No. NR-10133

Product Description: *Staphylococcus aureus* (*S. aureus*), strain TCH1516 was isolated in Texas.

Lot¹: 58986248

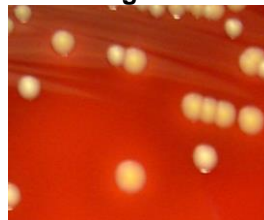
Manufacturing Date: 30DEC2009

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Oxacillin resistance Hemolysis on blood agar Biochemical Analyses Analytical profile index (API Staph®) Catalase	Gram-positive cocci Report results Report results Positive Consistent with <i>Staphylococcus</i> Positive	Gram-positive cocci Circular, flat, entire, opaque and cream (Figure 1) Sensitive Positive Consistent with <i>Staphylococcus</i> Positive
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 590 bp) Riboprinting	Consistent with <i>S. aureus</i> Consistent with <i>S. aureus</i>	Consistent with <i>S. aureus</i> Consistent with <i>S. aureus</i>
PCR Assay of Extracted DNA 16S ribosomal RNA gene	~ 1500 bp amplicon	~ 1500 bp amplicon
Viability (post-freeze)²	Growth	Growth

¹*S. aureus*, strain TCH1516 was deposited by Kristina Hultén, Assistant Professor, Pediatrics, Infectious Diseases Section Baylor College of Medicine Houston, TX. NR-10133 was produced by inoculation of the deposited material into Brain Heart Infusion Broth (BD 237500) and grown 24 hours at 37°C. Broth inoculum was added to Kolles which were grown 24 hours at 37°C to produce this lot.

²24 hours at 37°C and aerobic atmosphere on Tryptic Soy Agar with 5% sheep's blood

Figure 1



Date: 24 MAY 2010

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

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