

Staphylococcus aureus, Strain HFH-30123

Catalog No. NR-10198

Product Description: *Staphylococcus aureus* (*S. aureus*), strain HFH-30106 was isolated from a human sinus and is a community associated methicillin-resistant *S. aureus* (MRSA) strain. NR-10198 has been pulse-field gel electrophoresis (PFGE) typed as USA100, is negative for the Panton-Valentine leucocidin virulence factor, and contains staphylococcal chromosome cassette *mec* type II.

Lot¹: 59413899

Manufacturing Date: 12AUG2010

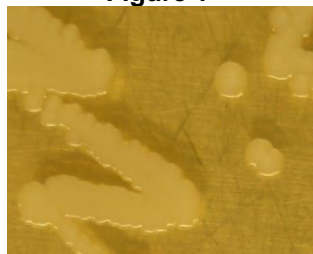
TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Oxacillin resistance ³ Hemolysis on blood agar Biochemical Analyses Analytical profile index (API Staph®) Catalase	Gram-positive cocci Report results Resistant Report results Consistent with <i>S. aureus</i> Positive	Gram-positive cocci Circular, convex, entire, translucent and cream-colored (Figure 1) Resistant Negative Consistent with <i>S. aureus</i> Positive
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1440 base pairs)	Consistent with <i>S. aureus</i>	Consistent with <i>S. aureus</i>
Viability (post-freeze)²	Growth	Growth

¹*S. aureus*, strain HFH-30123 was deposited by Marcus Zervos, Division Head of Infectious Disease, Henry Ford Hospital, Department of Internal Medicine, Detroit, Michigan. NR-10198 was produced by inoculation of the deposited material into Brain Heart Infusion Broth and grown 24 hours at 37°C in an aerobic atmosphere. 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 Brain Heart Infusion Agar

³24 hours at 37°C and aerobic atmosphere on Oxacillin Screen Agar

Figure 1



Date: 22 APR 2011

Signature:

Title: Technical Manager, BEI Authentication or designee

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