

***Staphylococcus aureus*, Strain HFH-30106**

Catalog No. NR-10192

Product Description: *Staphylococcus aureus* (*S. aureus*), strain HFH-30106 was isolated from a human nasal passage and is a community associated methicillin-resistant *S. aureus* (MRSA) strain. NR-10192 has been pulse-field gel electrophoresis (PFGE) typed as not USA100-1100, is negative for the Panton-Valentine leucocidin virulence factor and contains staphylococcal chromosome cassette *mec* type II.

Lot¹: 58325724

Manufacturing Date: 12AUG2009

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology ² Colony morphology ² Motility Oxacillin resistance Hemolysis on blood agar Biochemical Analyses Analytical profile index (API Staph [®]) Catalase	Gram-positive cocci Report results Non-motile Resistant Report results Consistent with <i>S. aureus</i> Positive	Gram-positive cocci Circular, convex, entire, translucent and cream (Figure 1) Non-motile Resistant Positive Consistent with <i>S. aureus</i> Positive
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1470 bp)	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 HFH-30106 was deposited by Dr. Marcus Zervos, Division Head of Infectious Disease, Henry Ford Hospital, Department of Internal Medicine, Detroit, Michigan. NR-10192 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 Brain Heart Infusion Agar

Figure 1



Date: 18 MAR 2010

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

ATCC[®], on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC[®]'s knowledge.

ATCC[®] is a trademark of the American Type Culture Collection.



You are authorized to use this product for research use only. It is not intended for human use.