

Genomic DNA from *Staphylococcus aureus*, Strain HFH-30123

Catalog No. NR-10326

Product Description: Genomic DNA was obtained from a preparation of *Staphylococcus aureus* (*S. aureus*), strain HFH-30123 which was isolated from a human sinus in Michigan, 2004.

Lot¹: 59413901

Manufacturing Date: 25AUG2010

TEST	SPECIFICATIONS	RESULTS
Sequencing of 16S Ribosomal RNA Gene (~ 1470 base pairs)	Consistent with <i>S. aureus</i>	Consistent with <i>S. aureus</i>
Agarose Gel Electrophoresis	High molecular weight chromosomal DNA	High molecular weight chromosomal DNA (Figure 1)
Concentration by PicoGreen[®] Measurement	0.7 to 1.5 µg in 25 to 100 µL per vial	1.0 µg in 26 µL per vial (38 µg/mL)
Functional Activity by PCR Amplification 16S ribosomal RNA gene	~ 1500 bp amplicon	~ 1500 bp amplicon
OD₂₆₀/OD₂₈₀ Ratio	1.7 to 1.9	1.8
Bacterial Inactivation 10% of total yield plated on Brain Heart Infusion Agar ^{2,3}	No viable bacteria detected	No viable bacteria detected

¹The bacterial preparation used for extraction of genomic DNA was produced by Brain Heart Infusion culture of the deposited material. After incubation for 24 hours at 37°C in an aerobic atmosphere, genomic DNA was extracted using proprietary technology.

²7 days at 37°C in an aerobic atmosphere

³An extraction procedure was used that has been shown to consistently inactivate 100% of Gram-negative and Gram-positive bacteria.

Date: 11 MAY 2011

Signature:



Title:

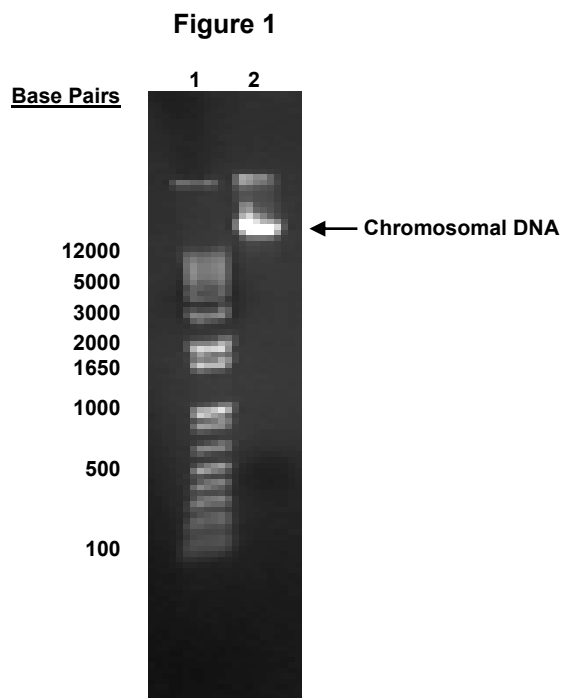
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Lane 1: Invitrogen™ TrackIt 1 Kb Plus DNA Ladder™
Lane 2: 200 ng of NR-10326