

Streptococcus agalactiae, Strain SGBS001

Catalog No. NR-44125

Product Description:

Streptococcus agalactiae (*S. agalactiae*), strain SGBS001 was isolated in 1993 from the blood of a bacteremia patient in Harris County, Texas, USA. NR-44125 was produced by inoculation of BEI Resources seed lot 63527618 into Tryptic Soy broth and grown for 1 day at 37°C in an aerobic atmosphere with 5% CO₂. Broth inoculum was added to Tryptic Soy agar kolles, which were grown for 1 day at 37°C in an aerobic atmosphere with 5% CO₂ to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

Lot: 70063497

Manufacturing Date: 22SEP2023

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Hemolysis Motility (wet mount) Catalase VITEK® MS (MALDI-TOF)	Gram-positive cocci Report results Report results Report results Negative <i>S. agalactiae</i>	Gram-positive cocci Circular, raised, entire, smooth and gray β-hemolytic Non-motile Negative <i>S. agalactiae</i> (99.9%)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1370 base pairs)	≥ 99% sequence identity to <i>S. agalactiae</i> , Strain SGBS001 (GenBank: AUVQ01000021.1)	100% sequence identity to <i>S. agalactiae</i> , Strain SGBS001 (GenBank: AUVQ01000021.1)
Purity (post-freeze) 8 days at 37°C in an aerobic atmosphere with 5% CO ₂ on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze)	Growth	Growth

/Sonia Bjorum Brower/

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18 JUL 2024

Technical Manager or designee, ATCC Federal Solutions

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