

***Streptococcus agalactiae*, Strain SGBS002**

Catalog No. NR-44126

Product Description: *Streptococcus agalactiae* (*S. agalactiae*), strain SGBS002 was isolated in 1993 from the blood of a bacteremia patient in Harris County, Texas, USA.

Lot¹: 63780677

Manufacturing Date: 02OCT2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Motility (wet mount) Hemolysis on blood agar ² Biochemical tests: VITEK [®] 2 (GP Card) Catalase	Gram-positive cocci Report results Report results Report results Consistent with <i>S. agalactiae</i> Negative	Gram-positive cocci Circular, raised, entire, smooth and gray (Figure 1) Non-motile β-hemolytic Consistent with <i>S. agalactiae</i> Negative
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1420 base pairs)	Consistent with <i>S. agalactiae</i>	Consistent with <i>S. agalactiae</i> ^{3,4}
Purity (post-freeze)⁵	Growth consistent with <i>S. agalactiae</i>	Growth consistent with <i>S. agalactiae</i>
Viability (post-freeze)²	Growth	Growth

¹NR-44126 was produced by inoculation of the deposited material into Tryptic Soy broth and incubated for 1 day at 37°C in an aerobic atmosphere with 5% CO₂. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles which were grown for 1 day under propagation conditions to produce this lot.

²Grown for 1 day on Tryptic Soy agar with 5% defibrinated sheep blood at 37°C in an aerobic atmosphere with 5% CO₂

³100% sequence identity to *S. agalactiae*, strain SGBS002 (GenBank: AUVR01000006.1)

⁴Also consistent with *Streptococcus difficilis*

⁵Purity of this lot was assessed for 7 days on Tryptic Soy agar with 5% defibrinated sheep blood at 37°C in an aerobic atmosphere with 5% CO₂

Figure 1: Colony Morphology



Date: 09 NOV 2015

Signature:

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