

***Streptococcus agalactiae*, Strain SGBS027**

Catalog No. NR-44142

Product Description: *Streptococcus agalactiae* (*S. agalactiae*), strain SGBS027 was isolated in 2011 from the blood of a bacteremia patient in Harris County, Texas, USA.

Lot¹: 63780705

Manufacturing Date: 30SEP2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Motility (wet mount) Hemolysis on blood agar ² Biochemical tests: Catalase VITEK [®] MS (MALDI-TOF)	Gram-positive cocci Report results Report results Report results Negative Consistent with <i>S. agalactiae</i>	Gram-positive cocci Circular, low convex, entire, smooth and gray (Figure 1) Non-motile β-hemolytic Negative Consistent with <i>S. agalactiae</i>
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~1460 base pairs)	Consistent with <i>S. agalactiae</i>	Consistent with <i>S. agalactiae</i> ^{3,4}
Purity (post-freeze)⁵	Consistent with expected colony morphology	Consistent with expected colony morphology
Viability (post-freeze)²	Growth	Growth

¹NR-44142 was produced by inoculation of the deposited material into Todd-Hewitt 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 at 37°C in an aerobic atmosphere with 5% CO₂ to produce this lot.

²1 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 SGBS027 (GenBank: AUWG01000020.1)

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: 16 DEC 2015

Signature:



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