

***Streptococcus agalactiae*, Strain SGBS015**

Catalog No. NR-44135

Product Description: *Streptococcus agalactiae* (*S. agalactiae*), strain SGBS015 was isolated in 2003 from the blood of a bacteremia patient in Harris County, Texas, USA.

Lot¹: 63780689

Manufacturing Date: 01OCT2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Motility (wet mount) Hemolysis on blood agar ³ 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 cream (Figure 1) Non-motile β-hemolytic Negative Consistent with <i>S. agalactiae</i>
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1450 base pairs)	Consistent with <i>S. agalactiae</i>	Consistent with <i>S. agalactiae</i> ^{4,5}
Purity (post-freeze)⁶	Growth consistent with <i>S. agalactiae</i>	Growth consistent with <i>S. agalactiae</i>
Viability (post-freeze)²	Growth	Growth

¹NR-44135 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 kolles which were grown for 1 day under propagation conditions to produce this lot.

²1 day on Tryptic Soy agar at 37°C in an aerobic atmosphere with 5% CO₂

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

⁴100% sequence identity to *S. agalactiae*, strain SGBS015 (GenBank: AUVZ01000020)

⁵Also consistent with *Streptococcus difficilis*

⁶Purity of this lot was assessed for 7 days on Tryptic Soy agar at 37°C in an aerobic atmosphere with 5% CO₂

Figure 1: Colony Morphology



Date: 09 NOV 2015

Signature:

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