

***Streptococcus agalactiae*, Strain SGBS005**

Catalog No. NR-44129

Product Description: *Streptococcus agalactiae* (*S. agalactiae*), strain SGBS005 was isolated in 1996 from the blood of a bacteremia patient in Harris County, Texas, USA.

Lot¹: 63527620

Manufacturing Date: 28MAY2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Hemolysis on blood agar ³ Motility (wet mount) Biochemical tests: VITEK [®] MS (MALDI-TOF) Catalase	Gram-positive cocci Report results Report results Report results Consistent with <i>S. agalactiae</i> Negative	Gram-positive cocci Circular, low convex, entire, smooth, and cream (Figure 1) β-hemolytic Non-motile Consistent with <i>S. agalactiae</i> Negative
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1490 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-44129 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 blood kolles which were grown for 1 day under propagation conditions to produce this lot.

²1 day on Tryptic Soy agar under propagation conditions

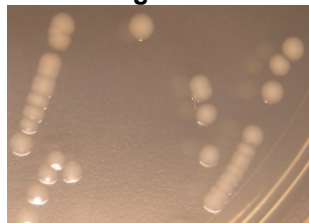
³1 day on Tryptic Soy agar with 5% defibrinated sheep blood under propagation conditions

⁴100% identical to *S. agalactiae*, strain SGBS005 (GenBank: AUVU01000004.1)

⁵Also consistent with *Streptococcus difficilis*

⁶Purity of this lot was assessed for 7 days on Tryptic Soy agar under propagation conditions.

Figure 1



Date: 13 JUL 2015

Signature: 

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