

***Streptococcus agalactiae*, Strain SGBS030**

Catalog No. NR-44144

Product Description: *Streptococcus agalactiae* (*S. agalactiae*), strain SGBS030 was isolated in 2012 from the blood of a bacteremia patient in Harris County, Texas, USA.

Lot¹: 63527624

Manufacturing Date: 15MAY2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Hemolysis on blood agar ² Motility (wet mount) 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, translucent and gray (Figure 1) β-hemolytic Non-motile Negative Consistent with <i>S. agalactiae</i>
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1480 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-44144 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 under propagation conditions to produce this lot.

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

³100% identical to *S. agalactiae*, strain SGBS030 (GenBank: AUWI01000016)

⁴Also consistent with *Streptococcus difficilis*

⁵Purity of this lot was assessed for 8 days on Tryptic Soy agar with 5% defibrinated sheep blood under propagation conditions.

Figure 1: Colony Morphology



Date: 13 JUL 2015

Signature:

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