

Certificate of Analysis for NR-44144

Streptococcus agalactiae, Strain SGBS030

Catalog No. NR-44144

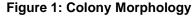
Product Description: *Streptococcus agalactiae (S. agalactiae),* strain SGBS030 was isolated in 2012 from the blood of a bacteremia patient in Harris County, Texas, USA.

Lot¹: 63527624 Manufacturing Date: 15MAY2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-positive cocci	Gram-positive cocci
Colony morphology ²	Report results	Circular, low convex, entire, smooth, translucent and gray (Figure 1)
Hemolysis on blood agar ²	Report results	β-hemolytic
Motility (wet mount)	Report results	Non-motile
Biochemical tests:		
Catalase	Negative	Negative
VITEK® MS (MALDI-TOF)	Consistent with S. agalactiae	Consistent with S. agalactiae
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1480 base pairs)	Consistent with S. agalactiae	Consistent with S. agalactiae ^{3,4}
Purity (post-freeze) ⁵	Growth consistent with S. agalactiae	Growth consistent with S. agalactiae
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.

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





Date: 13 JUL 2015

Signature:

BEI Resources Authentication

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

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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*