

***Streptococcus agalactiae*, Strain SGBS001**

**Catalog No. NR-44125**

**Product Description:** *Streptococcus agalactiae* (*S. agalactiae*), strain SGBS001 was isolated in 1993 from the blood of a bacteremia patient in Harris County, Texas, USA.

**Lot<sup>1</sup>: 63527617**

**Manufacturing Date: 22MAY2015**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>2</sup>  Hemolysis on blood agar <sup>3</sup> Motility (wet mount) Biochemical tests: VITEK <sup>®</sup> 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
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1490 base pairs)	Consistent with <i>S. agalactiae</i>	Consistent with <i>S. agalactiae</i> <sup>4,5</sup>
<b>Purity (post-freeze)<sup>6</sup></b>	Growth consistent with <i>S. agalactiae</i>	Growth consistent with <i>S. agalactiae</i>
<b>Viability (post-freeze)<sup>2</sup></b>	Growth	Growth

<sup>1</sup>NR-44125 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% CO<sub>2</sub>. Broth inoculum was added to Tryptic Soy agar kolles which were grown for 1 day under propagation conditions to produce this lot.

<sup>2</sup>1 day on Tryptic Soy agar under propagation conditions

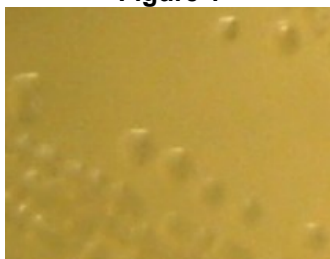
<sup>3</sup>1 day on Tryptic Soy agar with 5% defibrinated sheep blood under propagation conditions

<sup>4</sup>100% identical to *S. agalactiae*, strain SGBS001 (GenBank: AUVQ01000021.1)

<sup>5</sup>Also consistent with *Streptococcus difficilis*

<sup>6</sup>Purity of this lot was assessed for 8 days on Tryptic Soy agar under propagation conditions.

**Figure 1**



**Date:** 13 JUL 2015

**Signature:**

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