

***Streptococcus agalactiae*, Strain SGBS022**
**Catalog No. NR-44139**
**Product Description:** *Streptococcus agalactiae* (*S. agalactiae*), strain SGBS022 was isolated in 2008 from the blood of a bacteremia patient in Harris County, Texas, USA.

**Lot<sup>1</sup>: 63780697**
**Manufacturing Date: 25SEP2015**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>2</sup>  Hemolysis on blood agar <sup>2</sup> Motility (wet mount) Biochemical tests: Catalase VITEK <sup>®</sup> MS (MALDI-TOF)	Gram-positive cocci Report results  Report results Report results  Negative Consistent with <i>S. agalactiae</i>	Gram-positive cocci Circular, slight peaked, entire, smooth and gray (Figure 1) β-hemolytic Non-motile  Negative Consistent with <i>S. agalactiae</i>
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1420 base pairs)	Consistent with <i>S. agalactiae</i>	Consistent with <i>S. agalactiae</i> <sup>3,4</sup>
<b>Purity (post-freeze)<sup>5</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-44139 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% CO<sub>2</sub>. 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.

<sup>2</sup>1 day on Tryptic Soy agar with 5% defibrinated sheep blood under propagation conditions

<sup>3</sup>100% identical to *S. agalactiae*, strain SGBS022 (GenBank: AUWD01000025.1)

<sup>4</sup>Also consistent with *Streptococcus difficilis*
<sup>5</sup>Purity of this lot was assessed for 7 days on Tryptic Soy agar with 5% defibrinated sheep blood under propagation conditions.

**Figure 1: Colony Morphology**

**Date: 22 OCT 2015**
**Signature:**
**BEI Resources Authentication**

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