

***Streptococcus agalactiae*, Strain MRI Z1-203**

**Catalog No. NR-36671**

**Product Description:** *Streptococcus agalactiae* (*S. agalactiae*), strain MRI Z1-203 was isolated on January 2, 2006, from a gray seal (*Halichoerus grypus*) in Scotland, United Kingdom.

**Lot<sup>1</sup>: 62447299**

**Manufacturing Date: 14MAR2014**

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: Analytical profile index (API <sup>®</sup> 20 STREP) Catalase	Gram-positive cocci Report results  Report results Non-motile  Consistent with <i>S. agalactiae</i> Negative	Gram-positive cocci Circular, convex, entire, smooth and gray (Figure 1) β-hemolytic Non-motile  Consistent with <i>S. agalactiae</i> <sup>3</sup> Negative
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 870 base pairs)	Consistent with <i>S. agalactiae</i>	Consistent with <i>S. agalactiae</i> <sup>4</sup>
<b>Viability (post-freeze)<sup>2</sup></b>	Growth	Growth

<sup>1</sup>*S. agalactiae*, strain MRI Z1-203 was deposited by Geoffrey Foster, PhD, Veterinary Services, Scottish Agricultural College, Inverness, Scotland, United Kingdom. NR-36671 was produced by inoculation of the deposited material into Todd-Hewitt broth and incubated for 24 hours at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub>. Broth inoculum was added to Tryptic Soy agar with 5% sheep blood kolles which were grown 24 hours at 37°C to produce this lot. Purity of this lot was assessed for 7 days under propagation conditions.

<sup>2</sup>24 hours at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub> on Tryptic Soy agar with 5% sheep blood

<sup>3</sup>bioMérieux recommends additional serological tests to confirm the results obtained using API<sup>®</sup> 20 STREP.

<sup>4</sup>≥ 99% identical to GenBank: ANQJ01000012 (*S. agalactiae*, strain MRI Z1-203)

**Figure 1**



**Date:** 07 MAY 2014

**Signature:**

**Title:**

Technical Manager, BEI Authentication or designee

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