

Certificate of Analysis for NR-36670

Streptococcus agalactiae, Strain MRI Z1-202

Catalog No. NR-36670

Product Description: *Streptococcus agalactiae* (*S. agalactiae*), strain MRI Z1-202 was isolated on March 6, 2003, from a gray seal (*Halichoerus grypus*) in Scotland.

Lot¹: 62447298

Manufacturing Date: 14MAR2014

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Hemolysis on blood agar ² Motility (wet mount) Biochemical tests: Analytical profile index (API [®] 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> ³ Negative
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (830 base pairs)	Consistent with <i>S. agalactiae</i>	Consistent with <i>S. agalactiae</i> ⁴
Viability (post-freeze)²	Growth	Growth

¹*S. agalactiae*, strain MRI Z1-202 was deposited by Geoffrey Foster, PhD, Veterinary Services, Scottish Agricultural College, Inverness, Scotland, United Kingdom. NR-36670 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% CO₂. 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.

²24 hours at 37°C in an aerobic atmosphere with 5% CO₂ on Tryptic Soy agar with 5% sheep blood

³bioMérieux recommends additional serological tests to confirm the results obtained using API[®] 20 STREP.

⁴≥ 99% identical to GenBank: ANQK01000015 (*S. agalactiae*, strain MRI Z1-202)

Figure 1



Date: 07 MAY 2014

Signature:

Title:

Technical Manager, BEI Authentication or designee

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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