

Certificate of Analysis for NR-36670

Streptococcus agalactiae, Strain MRI Z1-202

Catalog No. NR-36670

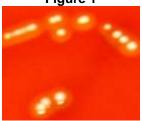
Product Description: Streptococcus agalactiae (S. agalactiae), strain MRI Z1-202 was isolated on March 6, 2003, from a gray seal (Halichoerus grypus) in Scotland.

Lot¹: 62447298 Manufacturing Date: 14MAR2014

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-positive cocci	Gram-positive cocci
Colony morphology ²	Report results	Circular, convex, entire, smooth and gray (Figure 1)
Hemolysis on blood agar ²	Report results	β-hemolytic
Motility (wet mount)	Non-motile	Non-motile
Biochemical tests: Analytical profile index (API [®] 20 STREP) Catalase	Consistent with S. agalactiae Negative	Consistent with <i>S. agalactiae</i> ³ Negative
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (830 base pairs)	Consistent with S. agalactiae	Consistent with <i>S. agalactiae</i> ⁴
Viability (post-freeze) ²	Growth	Growth

¹S. 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.

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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BEI Resources www.beiresources.org E-mail: contact@beiresources.org

Tel: 800-359-7370 Fax: 703-365-2898

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)