

Certificate of Analysis for NR-36671

Streptococcus agalactiae, Strain MRI Z1-203

Catalog No. NR-36671

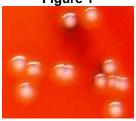
Product Description: Streptococcus agalactiae (S. agalactiae), strain MRI Z1-203 was isolated on January 2, 2006, from a gray seal (Halichoerus grypus) in Scotland, United Kingdom.

Lot¹: 62447299 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)	Consistent with S. agalactiae	Consistent with S. agalactiae ³
Catalase	Negative	Negative
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (~ 870 base pairs)	Consistent with S. agalactiae	Consistent with S. agalactiae ⁴
Viability (post-freeze) ²	Growth	Growth

¹S. 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% 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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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: ANQJ01000012 (S. agalactiae, strain MRI Z1-203)