

***Streptococcus agalactiae*, Strain MRI Z1-206**

Catalog No. NR-36674

Product Description: *Streptococcus agalactiae* (*S. agalactiae*), strain MRI Z1-206 was isolated in 2001 from a dog (*Canis familiaris*) in Scotland.

Lot¹: 62449204

Manufacturing Date: 21MAR2014

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Hemolysis on blood agar ² Motility (wet mount) Vitek [®] Mass Spectrometry (MALDI-TOF) Biochemical tests: Analytical profile index (API [®] 20 STREP) Catalase	Gram-positive cocci Report results Report results Non-motile Consistent with <i>S. agalactiae</i> Consistent with <i>S. agalactiae</i> Negative	Gram-positive cocci Circular, low convex, entire, smooth and gray (Figure 1) β-hemolytic Non-motile Consistent with <i>S. agalactiae</i> Consistent with <i>S. agalactiae</i> ³ Negative
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 860 base pairs)	Consistent with <i>S. agalactiae</i>	Consistent with <i>S. agalactiae</i> ⁴
Viability (post-freeze)²	Growth	Growth

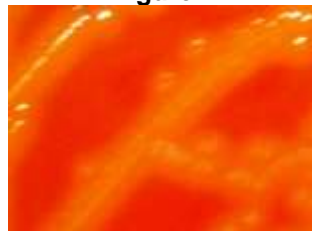
¹*S. agalactiae*, strain MRI Z1-206 was deposited by Geoffrey Foster, PhD, Veterinary Services, Scottish Agricultural College, Inverness, Scotland, United Kingdom. NR-36674 was produced by inoculation of the deposited material into Todd-Hewitt broth and incubated for 22 hours at 37°C in an aerobic atmosphere 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: ANQG01000006 (*S. agalactiae*, strain MRI Z1-206)

Figure 1



Date: 07 MAY 2014

Signature:

Title:

Technical Manager, BEI Authentication or designee

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