

***Streptococcus agalactiae*, Strain MRI Z1-198**

Catalog No. NR-36666

Product Description: *Streptococcus agalactiae* (*S. agalactiae*), strain MRI Z1-198 was isolated on August 12, 1995, from a bottlenose dolphin (*Tursiops truncatus*) in Scotland.

Lot¹: 62311948

Manufacturing Date: 24JAN2014

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, low 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 (~ 920 base pairs) Riboprinter [®] Microbial Characterization System	Consistent with <i>S. agalactiae</i> Consistent with <i>S. agalactiae</i>	Consistent with <i>S. agalactiae</i> Consistent with <i>S. agalactiae</i>
Viability (post-freeze)²	Growth	Growth

¹*S. agalactiae*, strain MRI Z1-198 was deposited by Geoffrey Foster, PhD, Veterinary Services, Scottish Agricultural College, Inverness, United Kingdom. NR-36666 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.

Figure 1



Date: 08 APR 2014

Signature:

Title:

Technical Manager, BEI Authentication or designee

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