

***Streptococcus agalactiae*, Strain MRI Z1-200**

Catalog No. NR-36668

Product Description: *Streptococcus agalactiae* (*S. agalactiae*), strain MRI Z1-200 was isolated on December 10, 2002 from a gray seal (*Halichoerus grypus*) in Scotland.

Lot¹: 62311946

Manufacturing Date: 17JAN2014

| 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 Report results 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 (~ 1490 base pairs) | Consistent with <i>S. agalactiae</i> | Consistent with <i>S. agalactiae</i> |
| Purity (post-freeze)⁴ | Growth consistent with <i>S. agalactiae</i> | Growth consistent with <i>S. agalactiae</i> |
| Viability (post-freeze)² | Growth | Growth |

¹*S. agalactiae*, strain MRI Z1-200 was deposited by Geoffrey Foster, Ph.D., Veterinary Services, Scottish Agricultural College, Inverness, Scotland, United Kingdom. NR-36668 was produced by inoculation of the deposited material into Todd-Hewitt broth and incubated for 20 hours at 37°C in an aerobic atmosphere with 5% CO₂. Broth inoculum was added to Tryptic Soy agar with 5% sheep defibrinated blood kolles which were grown 24 hours at 37°C in an aerobic atmosphere with 5% CO₂ to produce this lot.

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

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

⁴Purity of this lot was assessed in an aerobic atmosphere with 5% CO₂ for 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood.

Figure 1



Date: 08 APR 2015

Signature:

Title:

Technical Manager, BEI Authentication or designee

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