

***Streptococcus agalactiae*, Strain LDS 610**

Catalog No. NR-40329

Product Description: *Streptococcus agalactiae* (*S. agalactiae*), strain LDS 610 was isolated on March 11, 2011, from a bovine udder subclinical case in San Vicente, Buenos Aires, Argentina.

Lot¹: 63527613

Manufacturing Date: 22MAY2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Hemolysis on blood agar ³ Motility (wet mount) Biochemical tests: VITEK [®] MS (MALDI-TOF) 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 cream (Figure 1) β-hemolytic Non-motile Consistent with <i>S. agalactiae</i> Negative
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1490 base pairs)	Consistent with <i>S. agalactiae</i>	Consistent with <i>S. agalactiae</i> ⁴
Purity (post-freeze) ⁵	Growth consistent with <i>S. agalactiae</i>	Growth consistent with <i>S. agalactiae</i>
Viability (post-freeze) ²	Growth	Growth

¹NR-40329 was produced by inoculation of the deposited material into Tryptic Soy broth and incubated for 1 day at 37°C in an aerobic atmosphere with 5%CO₂. Broth inoculum was added to Tryptic Soy agar kolles which were grown for 1 day under propagation conditions to produce this lot.

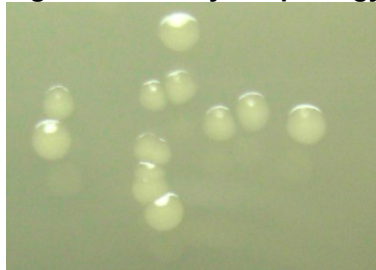
²1 day on Tryptic Soy agar under propagation conditions

³1 day on Tryptic Soy agar with 5% defibrinated sheep blood under propagation conditions

⁴Also consistent with *Streptococcus difficilis*

⁵Purity of this lot was assessed for 7 days at 37°C on Tryptic Soy agar under propagation conditions.

Figure 1: Colony Morphology



Date: 31 JUL 2015

Signature:

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