

Enterococcus faecalis, Strain B3336

Catalog No. NR-31887

Product Description:

Enterococcus faecalis (*E. faecalis*), strain B3336 is an infectious clinical isolate collected from human blood in 1987 in the United States. Strain B3336 is reported to show high-level resistance to gentamicin. NR-31887 was produced by inoculation of BEI Resources seed lot 61913291 into Tryptic Soy broth and incubated for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles, which were grown for 1 day at 37°C in an aerobic atmosphere to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

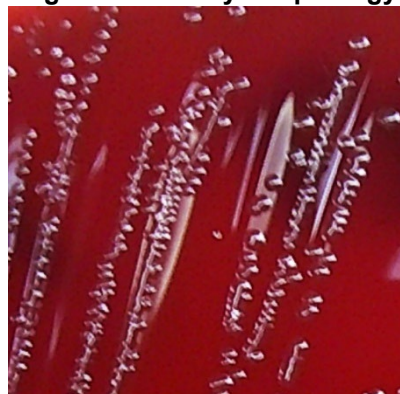
Lot: 70062246

Manufacturing Date: 27JUL2023

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount) Hemolysis VITEK® MS (MALDI-TOF)	Gram-positive cocci Report results Report results Non-hemolytic <i>E. faecalis</i>	Gram-positive cocci Circular, low convex, entire, smooth and gray (Figure 1) Non-motile Non-hemolytic ¹ <i>E. faecalis</i> (99.9%)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~1480 base pairs)	≥ 99% sequence identity to <i>E. faecalis</i> , strain B3336 (GenBank: AIRJ01000032.1)	99.9% sequence identity to <i>E. faecalis</i> , strain B3336 (GenBank: AIRJ01000032.1)
Purity (post-freeze) 7 days at 37°C in an aerobic atmosphere with or without 5% CO ₂ on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze)	Growth	Growth

¹*E. faecalis*, strain B3336 was deposited as hemolytic, however testing performed by BEI Resources displayed a non-hemolytic phenotype. This may be a result of testing on sheep blood plates, as some enterococcal hemolysins are not functional with sheep blood (Huycke, M. M., C. A. Spiegel and M. S. Gilmore. "Bacteremia Caused by Hemolytic, High-Level Gentamicin-Resistant *Enterococcus faecalis*." Antimicrob. Agents Chemother. 35 (1991): 1626-1634. PubMed: 1929336).

Figure 1: Colony Morphology



/Sonia Bjorum Brower/

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13 SEP 2023

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