

***Enterococcus faecalis*, Strain B4008**

Catalog No. NR-31888

Product Description:

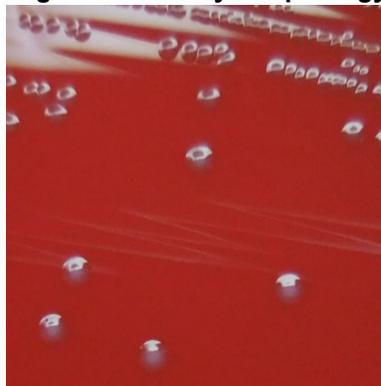
Enterococcus faecalis (*E. faecalis*), strain B4008 is an infectious clinical isolate collected from human blood in 1987 in the United States. Strain B4008 is reported to show high-level resistance to gentamicin. NR-31888 was produced by inoculation of BEI Resources seed lot 6193290 into Tryptic Soy 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: 70063966

Manufacturing Date: 05OCT2023

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 or α-hemolytic <i>E. faecalis</i>	Gram-positive cocci Circular, convex, entire, smooth and gray (Figure 1) Non-motile α-hemolytic <i>E. faecalis</i> (99.9%)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~1120 base pairs)	≥ 99% sequence identity to <i>E. faecalis</i> , strain B4008 (GenBank: AIRK01000033.1)	99.9% sequence identity to <i>E. faecalis</i> , strain B4008 (GenBank: AIRK01000033.1)
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

Figure 1: Colony Morphology



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16 JAN 2024

Technical Manager or designee, ATCC Federal Solutions

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