

Enterococcus faecium, Strain Patient #1-1

Catalog No. NR-31903

Product Description:

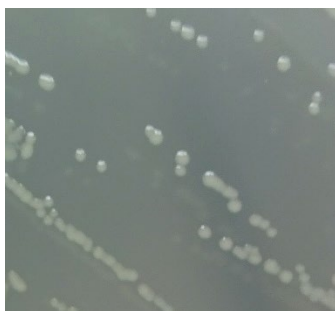
Enterococcus faecium (*E. faecium*), strain Patient #1-1 was isolated from the stool of a human patient prior to bacteremia. NR-31903 was produced by inoculation of BEI Resources seed lot 61966667 into Tryptic Soy broth and grown for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar kolles, which was 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: 70060196

Manufacturing Date: 21APR2023

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount) Hemolysis VITEK® MS (MALDI-TOF)	Gram-positive cocci Report results Report results α-hemolytic <i>E. faecium</i>	Gram-positive cocci Circular, low convex, entire, smooth, and cream (Figure 1) Non-motile α-hemolytic <i>E. faecium</i> (99.9%)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1450 base pairs)	≥ 99% sequence identity to <i>E. faecium</i> , Strain Patient #1-1 (GenBank: AJDR01000013.1)	99.7% sequence identity to <i>E. faecium</i> , Strain Patient #1-1 (GenBank: AJDR01000013.1)
Purity (post-freeze) 7 days at 37°C in an aerobic atmosphere with and without 5% CO ₂ on Tryptic Soy agar	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze)	Growth	Growth

Figure 1: Colony Morphology



/Sonia Bjorum Brower/

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Technical Manager or designee, ATCC Federal Solutions

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