

Enterococcus faecium, Strain E1071

Catalog No. NR-28978

Product Description:

Enterococcus faecium (*E. faecium*), strain E1071 is a non-infectious fecal isolate collected from a hospitalized person free of enterococcal infection in the Netherlands in 2000 during a hospital surveillance program. *E. faecium*, strain E1071 is reported to be resistant to vancomycin. NR-28978 was produced by inoculation of BEI Resources seed lot 61086688 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: 70061543

Manufacturing Date: 23JUN2023

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount) Hemolysis Catalase VITEK® MS (MALDI-TOF)	Gram-positive cocci Report results Report results Non-hemolytic or α-hemolytic Report results <i>E. faecium</i>	Gram-positive cocci Circular, low convex, entire, smooth and gray (Figure 1) Non-motile α-hemolytic Negative <i>E. faecium</i> (99.9%)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1460 base pairs)	≥ 99% sequence identity to <i>E. faecium</i> , strain E1071 (GenBank: ABQI01000018.1)	99.9% sequence identity to <i>E. faecium</i> , strain E1071 (GenBank: ABQI01000018.1)
Purity (post-freeze) 7 days at 37°C in an aerobic atmosphere with 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



/Sonia Bjorum Brower/

Sonia Bjorum Brower

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Technical Manager or designee, ATCC Federal Solutions

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