

Enterococcus faecium*, Strain E417*Catalog No. HM-965****Product Description:**

Enterococcus faecium (*E. faecium*), strain E417 was isolated in 2006 from human blood in Ecuador. *E. faecium*, strain E417 (HMP ID 1359) is reported to be resistant to ampicillin and vancomycin, and displays high levels of resistance to gentamycin and streptomycin. HM-965 was produced by inoculation of BEI Resources seed lot 62432863 into Brain Heart Infusion broth and incubated for 1 day at 37°C in an aerobic atmosphere with 5% CO₂. 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.

Note: Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

Lot: 70082637**Manufacturing Date: 15APR2026**

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount)	Gram-positive cocci Report results Report results	Gram-positive cocci Circular, low convex, entire, smooth and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (1450 base pairs)	≥ 99% sequence identity to <i>E. faecium</i> , strain E417 (GenBank: AMBA01000028.1)	99.9% sequence identity to <i>E. faecium</i> , strain E417 (GenBank: AMBA01000028.1) 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

¹Also consistent with other *Enterococcus* species

Figure 1: Colony Morphology

Certificate of Analysis for HM-965**/Sonia Bjorum Brower/****Sonia Bjorum Brower**

09 JUN 2026

Technical Manager or designee, ATCC Federal Solutions

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