

Enterococcus faecium, Strain E1552

Catalog No. NR-31928

Product Description: *Enterococcus faecium* (*E. faecium*), strain E1552 was isolated in 2002 from the feces of a hospitalized patient in the Netherlands.

Lot¹: 64216239

Manufacturing Date: 27APR2016

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Motility (wet mount) Hemolysis ³ VITEK [®] MS (MALDI-TOF)	Gram-positive cocci Report results Report results Report results <i>E. faecium</i>	Gram-positive cocci Circular, convex, entire, smooth and cream (Figure 1) Non-motile α-hemolytic <i>E. faecium</i> (99.9%)
Antibiotic Susceptibility Profile Etest [®] antibiotic test strips ⁴ Vancomycin ⁵	Resistant	Resistant (≥ 256 µg/mL)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1500 base pairs)	≥ 99% sequence identity to <i>E. faecium</i> , strain E1552 (GenBank: AHWW01000010.1)	99.7% sequence identity to <i>E. faecium</i> , strain E1552 (GenBank: AHWW01000010.1) ⁶
Purity (post-freeze)⁷	Consistent with expected colony morphology	Consistent with expected colony morphology
Viability (post-freeze)²	Growth	Growth

¹NR-31928 was produced by inoculation of the deposited material into Tryptic Soy broth and incubated for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar kolles, which were grown for 1 day at 37°C in an aerobic atmosphere to produce this lot.

²1 day at 37°C in an aerobic atmosphere on Tryptic Soy agar

³1 day at 37°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

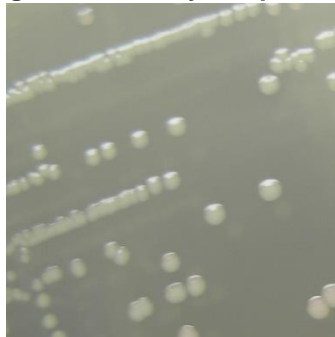
⁴1 day at 37°C in an aerobic atmosphere on Mueller Hinton agar

⁵For vancomycin (bioMérieux Etest[®] 412486), a MIC ≤ 4 µg/mL is sensitive, a MIC = 8 -16 µg/mL is intermediate and a MIC ≥ 32 µg/mL is resistant.

⁶Also consistent with other *Enterococcus* species

⁷Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere on Tryptic Soy agar.

Figure 1: Colony Morphology



Date: 20 JUN 2016

Signature:



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