

Enterococcus faecium, Strain E0164

Catalog No. NR-31915

Product Description: *Enterococcus faecium* (*E. faecium*), strain E0164 was isolated in 1996 from turkey feces in the Netherlands. The E0164 strain is reported to be resistant to gentamicin and vancomycin.

Lot¹: 70016188

Manufacturing Date: 22JUN2018

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Hemolysis ² Motility (wet mount) VITEK [®] MS (MALDI-TOF)	Gram-positive cocci Report results α-hemolytic Report results <i>E. faecium</i>	Gram-positive cocci Circular, low convex, entire, smooth and gray (Figure 1) α-hemolytic Non-motile <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 E0164 (GenBank: AHWJ01000047.1)	99.7% sequence identity to <i>E. faecium</i> , strain E0164 (GenBank: AHWJ01000047.1) ³
Purity (post-freeze)⁴	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze)²	Growth	Growth

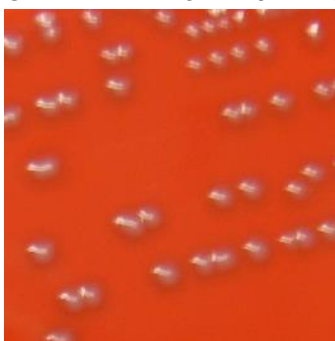
¹*E. faecium*, strain E0164 was deposited by Michael S. Gilmore, Sir William Osler Professor of Ophthalmology, Department of Ophthalmology, Massachusetts Eye and Ear Infirmary, Boston, Massachusetts, USA. NR-31915 lot 70016188 was produced by inoculation of NRS-31915 lot 61956021 into Tryptic Soy broth 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.

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

³Also consistent with other *Enterococcus* species

⁴Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO₂ on Tryptic Soy agar with 5% defibrinated sheep blood.

Figure 1: Colony Morphology



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