

Enterococcus faecium, Strain Patient #3-1

Catalog No. NR-31912

Product Description: *Enterococcus faecium* (*E. faecium*), strain Patient #3-1 was isolated from the stool of a human patient having dominance of vancomycin-resistant *Enterococcus* in the stool but no bacteremia.

Lot¹: 70003577

Manufacturing Date: 23MAR2017

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Hemolysis ³ Motility (wet mount) VITEK [®] MS (MALDI-TOF)	Gram-positive cocci Report results Non-hemolytic or α-hemolytic Report results Consistent with <i>E. faecium</i>	Gram-positive cocci Circular, convex, entire, smooth and cream (Figure 1) α-hemolytic Non-motile Consistent with <i>E. faecium</i> (99.9%)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 820 base pairs)	≥ 99% sequence identity to <i>E. faecium</i> , strain EnGen0312 (GenBank: AJDX01000016)	99.6% sequence identity to <i>E. faecium</i> , strain EnGen0312 (GenBank: AJDX01000016)
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 Patient #3-1 (also referred to as EnGen0312) was deposited by Michael S. Gilmore, Sir William Osler Professor of Ophthalmology, Department of Ophthalmology, Massachusetts Eye and Ear Infirmary, Boston, Massachusetts, USA. NR-31912 (lot 70003577) was produced by inoculation of NRS-31912 (lot 61966664) 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

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

Figure 1: Colony Morphology



Certificate of Analysis for NR-31912

Date: 18 MAY 2017

Signature: 

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