

***Enterococcus faecalis*, Strain V587**

Catalog No. NR-31979

Product Description: *Enterococcus faecalis* (*E. faecalis*), strain V587 was recovered in a urine specimen collected on February 26, 1987, at Barnes Hospital, St. Louis, Missouri, USA. This strain has shown resistance to vancomycin.

Lot¹: 70009682

Manufacturing Date: 25OCT2017

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Hemolysis on blood agar ² Motility (wet mount) VITEK [®] MS (MALDI-TOF)	Gram-positive cocci Report results α-hemolytic Non-motile <i>E. faecalis</i>	Gram-positive cocci Circular, convex, entire, smooth and gray (Figure 1) α-hemolytic Non-motile <i>E. faecalis</i> (99.9%)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 750 base pairs)	≥ 99% sequence identity to <i>E. faecalis</i> , strain V587 (GenBank: AJBB01000024.1)	100% sequence identity to <i>E. faecalis</i> , strain V587 (GenBank: AJBB01000024.1)
Purity (post-freeze)³	Consistent with expected colony morphology	Consistent with expected colony morphology
Viability (post-freeze)²	Growth	Growth

¹*E. faecalis*, strain V587 was deposited by Michael S. Gilmore, Ph.D., Sir William Osler Professor of Ophthalmology, Department of Ophthalmology, Massachusetts Eye and Ear Infirmary, Boston, Massachusetts, USA. NR-31979 lot 70009682 was produced by inoculation of BEI Resources NRS-31979 lot 61913300 into Brain Heart Infusion 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 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

³Purity 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



Date: 03 JAN 2018

Signature:

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