

Enterococcus faecalis, Strain B3286

Catalog No. NR-31886

Product Description: *Enterococcus faecalis* (*E. faecalis*), strain B3286 is an infectious clinical isolate collected from human blood in 1987 in the United States. Strain B3286 was deposited as a hemolytic isolate with high-level resistance to gentamicin.

Lot¹: 61913287

Manufacturing Date: 31JUL2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Hemolysis ² Motility (wet mount) Analytical profile index (API [®] 20 Strep)	Gram-positive cocci Report results Non-hemolytic or α -hemolytic Report results Consistent with <i>E. faecalis</i>	Gram-positive cocci Circular, low convex, entire, smooth and gray (Figure 1) Non-hemolytic ³ Non-motile Consistent with <i>E. faecalis</i>
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1510 base pairs)	Consistent with <i>E. faecalis</i>	Consistent with <i>E. faecalis</i> ⁴
Viability (post-freeze)²	Growth	Growth

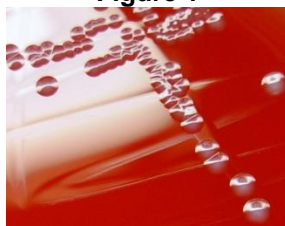
¹*E. faecalis*, strain B3286 (also referred to as EnGen0211) was deposited by Michael S. Gilmore, Sir William Osler Professor of Ophthalmology, Department of Ophthalmology, Massachusetts Eye and Ear Infirmary, Boston, Massachusetts, USA. NR-31886 was produced by inoculation of the deposited material into Tryptic Soy broth and incubated for 24 hours at 37°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles which were grown 24 hours at 37°C in an aerobic atmosphere to produce this lot. Purity of this lot was assessed for 7 days under propagation conditions.

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

³*E. faecalis*, strain B3286 was deposited as hemolytic, however lot 61913287 displayed a non-hemolytic phenotype. This may be a result of testing on sheep blood agar, as some enterococcal hemolysins are not functional with sheep blood (Huycke, M. M., C. A. Spiegel and M. S. Gilmore. "Bacteremia Caused by Hemolytic, High-Level Gentamicin-Resistant *Enterococcus faecalis*." *Antimicrob. Agents Chemother.* 35 (1991): 1626-1634. PubMed: 1929336.).

⁴≥ 99% identical to GenBank: AIRI01000023 (*E. faecalis*, strain B3286)

Figure 1



Date: 25 NOV 2013

Signature:

Title: Technical Manager, BEI Authentication or designee

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