

Enterococcus faecium, Strain Patient #2-1

Catalog No. NR-31909

Product Description: *Enterococcus faecium* (*E. faecium*), strain Patient #2-1 was isolated from the stool of a human patient prior to bacteremia.

Lot¹: 61956006

Manufacturing Date: 16AUG2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphologies ² Hemolysis ³ 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. faecium</i>	Gram-positive cocci Colony type 1: Circular, flat, entire, smooth and cream (Figure 1) Colony type 2: Circular, convex, entire, smooth and light cream (Figure 1) α-hemolytic Non-motile Consistent with <i>E. faecium</i>
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1450 base pairs)	Consistent with <i>E. faecium</i>	Consistent with <i>E. faecium</i> ⁴
Viability (post-freeze)²	Growth	Growth

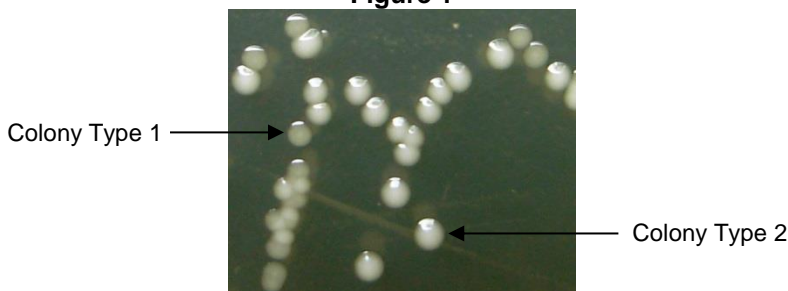
¹*E. faecium*, strain Patient #2-1 (also referred to as EnGen0316) was deposited by Michael S. Gilmore, Sir William Osler Professor of Ophthalmology, Department of Ophthalmology, Massachusetts Eye and Ear Infirmary, Boston, Massachusetts, USA. NR-31909 was produced by inoculation of the deposited material into Brain Heart Infusion broth and incubated for 24 hours at 37°C in an aerobic atmosphere. Broth inoculum was added to Brain Heart Infusion agar 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 Brain Heart Infusion agar

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

⁴≥ 99% identical to GenBank: AJDS01000001 (*E. faecium*, strain Patient #2-1)

Figure 1



Date: 18 FEB 2014

Signature:

Title: Technical Manager, BEI Authentication or designee

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