

Enterococcus faecalis, Strain SF24397

Catalog No. NR-31970

Product Description: *Enterococcus faecalis* (*E. faecalis*), strain SF24397 was isolated in 2001 from a urine sample in Michigan, USA. This strain has shown resistance to erythromycin (*ermB+*) and gentamicin.

Lot¹: 61926230

Manufacturing Date: 07AUG2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Hemolysis on blood agar 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, convex, entire, smooth and white (Figure 1) α -hemolytic Non-motile Consistent with <i>E. faecalis</i>
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 920 base pairs)	Consistent with <i>E. faecalis</i>	Consistent with <i>E. faecalis</i> ³
Viability (post-freeze)²	Growth	Growth

¹*E. faecalis*, strain SF24397 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-31970 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 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≥ 99% identical to GenBank: AJAW01000030 (*E. faecalis*, strain SF24397)

Figure 1



Date: 20 NOV 2013

Signature:

Title: Technical Manager, BEI Authentication or designee

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