SUPPORTING INFECTIOUS DISEASE RESEARCH

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

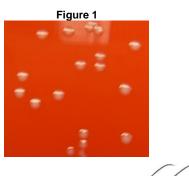
Manufacturing Date: 07AUG2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-positive cocci	Gram-positive cocci
Colony morphology ²	Report results	Circular, convex, entire, smooth and white (Figure 1)
Hemolysis on blood agar ²	Non-hemolytic or α-hemolytic	α-hemolytic
Motility (wet mount)	Report results	Non-motile
Analytical profile index (API [®] 20 Strep)	Consistent with E. faecalis	Consistent with E. faecalis
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

E. faecalis, strain SF24397 was deposited by Michael S. Gilmore, Ph.D., Sir William Osler Professor of Ophthamology, Department of Ophthamology, 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)



Date: 20 NOV 2013

Technical Manager, BEI Authentication or designee

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