

Enterococcus faecalis, Strain MMH594

Catalog No. NR-31975

Product Description: *Enterococcus faecalis* (*E. faecalis*), strain MMH594 was isolated in 1985 from the blood of a patient with bacteremia in Wisconsin, USA. It is reported to be resistant to erythromycin and gentamicin.

Lot¹: 62038746

Manufacturing Date: 18SEP2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology 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. faecalis</i>	Gram-positive cocci Circular, peaked, entire, smooth and cream (Figure 1) Non-hemolytic Non-motile Consistent with <i>E. faecalis</i>
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1500 base pairs)	Consistent with <i>E. faecalis</i>	Consistent with <i>E. faecalis</i> ⁴
Viability (post-freeze)²	Growth	Growth

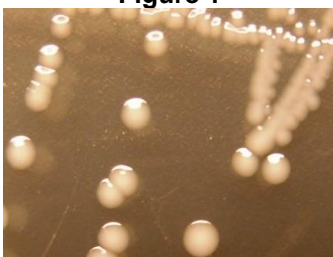
¹*E. faecalis*, strain MMH594 (also referred to as EnGen0310) was deposited by Michael S. Gilmore, Ph.D., Sir William Osler Professor of Ophthalmology, Department of Ophthalmology, Massachusetts Eye and Ear Infirmary, Boston, Massachusetts, USA. NR-31975 was produced by inoculation of the deposited material into Brain Heart Infusion broth and incubated for 24 hours at 37°C in an aerobic atmosphere. Broth inoculum was added to kolles (Brain Heart Infusion agar), 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: AJDZ01000003 (*E. faecalis*, strain MMH594)

Figure 1



Date: 27 JAN 2014

Signature: 

Title: Technical Manager, BEI Authentication or designee

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