

Enterococcus faecalis, Strain HH22

Catalog No. NR-31973

Product Description:

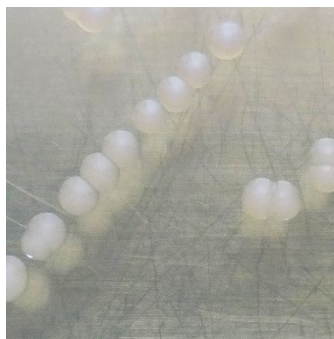
Enterococcus faecalis (*E. faecalis*), strain HH22 was isolated in 1981 from a clinical urine specimen submitted to the microbiology laboratory of Hermann Hospital in Houston, Texas, USA. It is reported to be the first known β -lactamase-producing isolate and shows resistance to penicillin, erythromycin, tetracycline and high levels of aminoglycosides. NR-31973 was produced by inoculating BEI Resources seed lot 62038767 into Brain Heart Infusion broth and incubated for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Brain Heart Infusion agar kolles, which were grown for 1 day at 37°C in an aerobic atmosphere to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

Lot: 70061541

Manufacturing Date: 23JUN2023

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount) Hemolysis VITEK® MS (MALDI-TOF)	Gram-positive cocci Report results Report results Non-hemolytic or α -hemolytic <i>E. faecalis</i>	Gram-positive cocci Circular, low convex, entire, smooth and cream (Figure 1) Non-motile Non-hemolytic <i>E. faecalis</i> (99.9%)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1500 base pairs)	≥ 99% sequence identity to <i>E. faecalis</i> , strain HH22 (GenBank: ACIX01000001.1 and AJDY01000017.1)	99.9% sequence identity to <i>E. faecalis</i> , strain HH22 (GenBank: ACIX01000001.1 and AJDY01000017.1)
Purity (post-freeze) 8 days at 37°C in an aerobic atmosphere on Brain Heart Infusion agar 8 days at 37°C in an aerobic atmosphere with 5% CO ₂ on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology Growth consistent with expected colony morphology	Growth consistent with expected colony morphology Growth consistent with expected colony morphology
Viability (post-freeze)	Growth	Growth

Figure 1: Colony Morphology



/Sonia Bjorum Brower/

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01 SEP 2023

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