

Enterococcus faecalis EnGen0303, Strain Ned10

Catalog No. NR-31987
Product Description:

Enterococcus faecalis EnGen0303 (*E. faecalis*), strain Ned10 was isolated in 1961 from a horse in the Netherlands. It is reported to be resistant to chloramphenicol and tetracycline. NR-31987 was produced by inoculation of BEI Resources seed lot 61913299 into Tryptic Soy broth and incubated for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles, which was 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: 70065131
Manufacturing Date: 01DEC2023

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, convex, entire, smooth and gray (Figure 1) Non-motile α -hemolytic <i>E. faecalis</i> (99.9%)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1470 base pairs)	≥99% sequence identity to <i>E. faecalis</i> EnGen0303, strain Ned10 (GenBank: AJED01000016.1)	≥99% sequence identity to <i>E. faecalis</i> EnGen0303, strain Ned10 (GenBank: AJED01000016.1)
Purity (post-freeze) 7 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
Viability (post-freeze)	Growth	Growth

Figure 1: Colony Morphology


/Sonia Bjorum Brower/

Sonia Bjorum Brower

21 FEB 2024

Technical Manager or designee, ATCC Federal Solutions

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

