

Certificate of Analysis for NR-32052

Enterococcus faecium, Strain HF50104

Catalog No. NR-32052

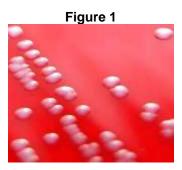
Product Description: Enterococcus faecium (E. faecium), strain HF50104 was isolated in 2008 from swine feces in Michigan, USA. E. faecium, strain HF50104 is reported to be resistant to erythromycin, tetracycline and vancomycin; and susceptible to ampicillin, ciprofloxacin, gentamicin and linezolid. Strain HF50104 does not produce β -lactamase and tested negative for the *esp* and *hyl* virulence genes.

Lot¹: 62038769 Manufacturing Date: 19SEP2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-positive cocci	Gram-positive cocci
Colony morphology ²	Report results	Circular, low convex, entire, smooth and white (Figure 1)
Hemolysis ²	Non-hemolytic or α-hemolytic	α-hemolytic
Motility (wet mount)	Report results	Non-motile
Analytical profile index (API® 20 Strep)	Consistent with E. faecium	Consistent with E. faecium
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (~ 890 base pairs)	Consistent with E. faecium	Consistent with E. faecium ³
Viability (post-freeze) ²	Growth	Growth

¹E. faecium, strain HF50104 (also referred to as EnGen0185) was deposited by Michael S. Gilmore, Sir William Osler Professor of Ophthamology, Department of Ophthamology, Massachusetts Eye and Ear Infirmary, Boston, Massachusetts, USA. NR-32052 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 Tryptic Soy agar with 5% defibrinated sheep blood 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.

³≥ 99% identical to GenBank: AITR01000010 (*E. faecium*, strain HF50104)



/Heather Couch/ Heather Couch

19 OCT 2018

Program 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.

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NR-32052 62038769 19OCT2018

²24 hours at 37°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood