

Enterococcus faecium, Strain 503

Catalog No. HM-952

Product Description: *Enterococcus faecium* (*E. faecium*), strain 503 is a human isolate from the United States.

Lot^{1,2}: 0002015

Manufacturing Date: 28SEP2016

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount) Hemolysis ³	Report results Report results Report results α-hemolytic	Gram-positive cocci Circular, low convex, entire, smooth and gray (Figure 1) Non-motile α-hemolytic
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 830 base pairs)	≥ 99% sequence identity to <i>E. faecium</i> , strain 503 (GenBank: AMBN01000001)	≥ 99% sequence identity to <i>E. faecium</i> , strain 503 (GenBank: AMBN01000001) ⁴
Purity (post-freeze)⁵	Consistent with expected colony morphology	Consistent with expected colony morphology
Viability (post-freeze)³	Growth	Growth

¹Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

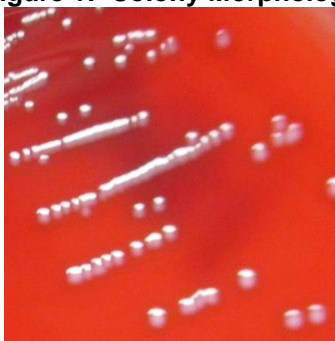
²*E. faecium*, strain 503 was deposited by Cesar A. Arias, Assistant Professor of Medicine, Department of Internal Medicine, The University of Texas Health Science Center at Houston, Houston, Texas, USA. The deposited material was inoculated into Tryptic Soy broth and incubated for 1 day at 37°C in an aerobic atmosphere with 5% CO₂. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles which were grown 1 day at 37°C in an aerobic atmosphere with 5% CO₂ and preserved in 10% glycerol. HM-952 was produced by inoculation of the preserved material into Tryptic Soy broth, which was grown 1 day at 37°C in an aerobic atmosphere with 5% CO₂. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles and grown 1 day at 37°C in an aerobic atmosphere with 5% CO₂ to produce this lot.

³1 day at 37°C in an aerobic atmosphere with 5% CO₂ on Tryptic Soy agar with 5% defibrinated sheep blood

⁴Also consistent with other *Enterococcus* species

⁵Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO₂ on Tryptic Soy agar with 5% defibrinated sheep blood.

Figure 1: Colony Morphology



Date: 04 NOV 2016

Signature:



BEI Resources Authentication

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