

Enterococcus faecium, Strain 513

Catalog No. HM-959

Product Description: *Enterococcus faecium* (*E. faecium*), strain 513 is a human isolate from the United States.

Lot^{1,2}: 70013892

Manufacturing Date: 28MAR2018

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount)	Gram-positive cocci Report results Report results	Gram-positive cocci Circular, convex, entire, smooth and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 740 base pairs)	≥ 99% sequence identity to <i>E. faecium</i> , strain 513 (GenBank: AMBG01000057.1)	100% sequence identity to <i>E. faecium</i> , strain 513 (GenBank: AMBG01000057.1) 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 513 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. HM-959 lot 70013892 was produced by the inoculation of BEI Resources HMS-959 lot 62057210 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 were grown 1 day at 37°C in an aerobic atmosphere to produce this lot.

³1 day at 37°C in an anaerobic atmosphere 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



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Program Manager or designee, ATCC Federal Solutions

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