

Enterococcus faecium, Strain ERV165

Catalog No. HM-970

Product Description: *Enterococcus faecium* (*E. faecium*), strain ERV165 was isolated from human feces collected in Colombia, in 2008.

Lot^{1,2}: 62057205

Manufacturing Date: 04OCT2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ^{3,4} Hemolysis on blood agar ³ Motility (wet mount)	Gram-positive cocci Report results Non-hemolytic or α-hemolytic Report results	Gram-positive cocci Circular, low convex, entire, smooth and gray (Figure 1) α-hemolytic Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1450 base pairs)	≥ 99% identical to GenBank: AMAV01000005 (<i>E. faecium</i> , strain ERV165)	≥ 99% identical to GenBank: AMAV01000005 (<i>E. faecium</i> , strain ERV165)
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 ERV165 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. The deposited material was inoculated into Brain Heart Infusion broth and incubated for 23 hours at 37°C in an anaerobic atmosphere (80% N₂:20% CO₂). Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles which were grown 23 hours at 37°C in an aerobic atmosphere with 5% CO₂ to produce this lot. Purity of this lot was assessed for 7 days under propagation conditions.

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

⁴Anaerobic and aerobic with 5% CO₂ colony types were observed when HM-970 was grown on Tryptic Soy agar with 5% defibrinated sheep blood for 22 hours. The 16S ribosomal RNA gene of each colony type was sequenced and all colonies were consistent with *E. faecium*.

Figure 1



Date: 18 FEB 2014

Signature:

Title:

Technical Manager, BEI Authentication or designee

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