

## **Certificate of Analysis for HM-970**

## Enterococcus faecium, Strain ERV165

## Catalog No. HM-970

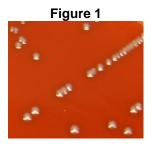
**Product Description:** Enterococcus faecium (E. faecium), strain ERV165 was isolated from human feces collected in Colombia, in 2008.

Lot<sup>1,2</sup>: 62057205 Manufacturing Date: 04OCT2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-positive cocci	Gram-positive cocci
Colony morphology <sup>3,4</sup>	Report results	Circular, low convex, entire, smooth and gray (Figure 1)
Hemolysis on blood agar <sup>3</sup>	Non-hemolytic or α-hemolytic	α-hemolytic
Motility (wet mount)	Report results	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) <sup>3</sup>	Growth	Growth

Quality 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.

<sup>&</sup>lt;sup>4</sup>Anaerobic and aerobic with 5% CO<sub>2</sub> 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*.



**Date:** 18 FEB 2014

Signature:

**Title:** Technical Manager, BEI Authentication or designee

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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<sup>&</sup>lt;sup>2</sup>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% N<sub>2</sub>:20% CO<sub>2</sub>). 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% CO<sub>2</sub> to produce this lot. Purity of this lot was assessed for 7 days under propagation conditions.

<sup>&</sup>lt;sup>3</sup>24 hours at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub> on Tryptic Soy agar with 5% defibrinated sheep blood