

***Enterococcus faecium*, Strain TX0082**

Catalog No. HM-460

Product Description: *Enterococcus faecium* (*E. faecium*), strain TX0082 was isolated in 1999 from the blood of a human patient with endocarditis in Houston, Texas, USA.

Lot^{1,2}: 70003835

Manufacturing Date: 24MAR2017

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount) VITEK® MS (MALDI-TOF)	Gram-positive cocci Report results Report results Consistent with <i>E. faecium</i>	Gram-positive cocci Circular, convex, entire, smooth and cream (Figure 1) Non-motile <i>E. faecium</i> (99.9%)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1450 base pairs)	≥ 99% sequence identity to <i>E. faecium</i> , strain TX0082 (GenBank: AEBU01000036.1)	99.9% sequence identity to <i>E. faecium</i> , strain TX0082 (GenBank: AEBU01000036.1)
Purity (post-freeze)⁴	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 TX0082 was deposited by Cesar A. Arias, M.D., Ph.D., Assistant Professor of Medicine, Department of Internal Medicine, The University of Texas Health Science Center at Houston, Houston, Texas, USA. HM-460 was produced by inoculation of the deposited material into Brain Heart Infusion 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 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

⁴Purity 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: 09 MAY 2017

Signature:



BEI Resources Authentication

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