

***Enterococcus faecalis*, Strain 599**

Catalog No. HM-933

Product Description: *Enterococcus faecalis* (*E. faecalis*), strain 599 was isolated in 2010 in Bangkok, Thailand, from the skin of a 72-year-old diabetic woman with multiple skin abscesses due to *Mycobacterium abscessus* and pulmonary tuberculosis and was treated with meropenem, amikacin, moxifloxacin, azithromycin, isoniazid, rifampin, ethambutol, metronidazole, and linezolid for at least 3 months prior to the isolation this strain. *E. faecalis*, strain 599 was deposited susceptible to vancomycin and resistant to linezolid.

Lot^{1,2}: 63381394

Manufacturing Date: 20MAR2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Hemolysis on blood agar ⁴ Motility ⁵	Gram-positive cocci Report results Report results Non-motile	Gram-positive cocci Circular, convex, entire, smooth and cream (Figure 1) Non-hemolytic Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1500 base pairs)	≥ 99% identical to GenBank: ALZI01000001 (<i>E. faecalis</i> , strain 599)	≥ 99% identical to GenBank: ALZI01000001 (<i>E. faecalis</i> , strain 599)
Purity (post-freeze)⁶	Growth consistent with <i>E. faecalis</i>	Growth consistent with <i>E. faecalis</i>
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. faecalis*, strain 599 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-933 was produced by inoculation of the deposited material into Brain Heart Infusion broth and incubated for 21 hours at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). Broth inoculum was added to Brain Heart Infusion agar kolles which were grown 24 hours at 37°C in an aerobic atmosphere with 5% CO₂ to produce this lot.

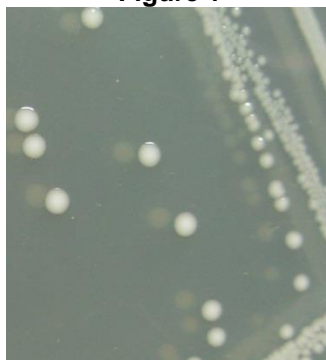
³22 hours at 37°C in an aerobic atmosphere with 5% CO₂ on Brain Heart Infusion agar

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

⁵Motility test performed on Remel™ Motility Test Medium w/TTC Indicator for 7 days at 37°C in an aerobic atmosphere with 5% CO₂

⁶Purity of this lot was assessed for 15 days on Brain Heart Infusion agar at 37°C in an aerobic atmosphere with 5% CO₂.

Figure 1



Date: 06 JUL 2015

Signature: 

BEI Resources Authentication

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