

Certificate of Analysis for HM-463

Enterococcus faecium*, Strain TX0133a04*Catalog No. HM-463**

Product Description: *Enterococcus faecium* (*E. faecium*), strain TX0133a04, a vancomycin-sensitive derivative of the TX0133a strain, was isolated outside the inhibition zone surrounding a vancomycin Etest strip. The original TX0133a strain was isolated in Texas on March 28, 2006, from the blood of a 60-year-old diabetic man with native valve endocarditis.

Lot^{1,2}: 60609325**Manufacturing Date: 13JAN2012**

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Hemolysis on blood agar	Report results Report results Report results	Gram-positive cocci Circular, convex, entire, translucent, smooth and gray (Figure 1) α -hemolytic
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 900 base pairs)	$\geq 99\%$ identical to GenBank: AEBC01000058 (<i>E. faecium</i> , strain TX0133a04)	$\geq 99\%$ identical to GenBank: AEBC01000058 (<i>E. faecium</i> , strain TX0133a04)
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 TX0133A04 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. The deposited material was inoculated into Brain Heart Infusion broth (ATCC medium 44) and incubated for 24 hours at 37°C in an aerobic atmosphere with 5% CO₂. Broth inoculum was added to Kolles which were grown 24 hours at 37°C in an aerobic atmosphere with 5% CO₂ to produce this lot.

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

Figure 1**Date:** 04 MAY 2012**Signature:****Title:** Technical Manager, BEI Authentication or designee

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