

Corynebacterium tuscaniense, Strain DNF00037

Catalog No. HM-1153

Product Description:

Corynebacterium tuscaniense (*C. tuscaniense*), strain DNF00037 was isolated in 2011 from vaginal fluid collected from a female in the United States. HM-1153 was produced by the inoculation of BEI Resources seed lot 63406978 into Brain Heart Infusion broth and grown for 2 days at 37°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles, which were grown for 2 days at 37°C in an aerobic atmosphere to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

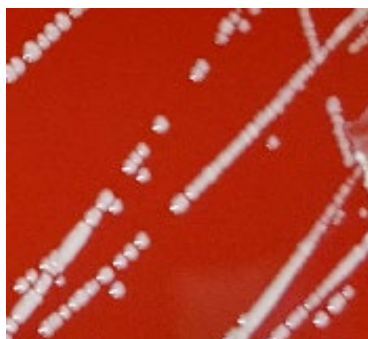
Note: Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

Lot: 70057435

Manufacturing Date: 13JAN2023

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology 2 days at 37°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood Motility (wet mount)	Gram-positive rods Report results Report results	Gram-positive rods Circular, low convex, entire, smooth and white (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1410 base pairs)	≥ 99% sequence identity to <i>C. tuscaniense</i> , Strain DNF00037 (GenBank: JRNG01000065.1)	100% sequence identity to <i>C. tuscaniense</i> , Strain DNF00037 (GenBank: JRNG01000065.1)
Purity (post-freeze) 7 days at 37°C in an aerobic atmosphere with and without 5% CO ₂ on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze) 2 days at 37°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood	Growth	Growth

Figure 1: Colony Morphology



/Sonia Bjorum Brower/

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29 AUG 2023

Technical Manager or designee, ATCC Federal Solutions

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