

Mobiluncus mulieris, Strain UPII 28-I

Catalog No. HM-125

Product Description:

Mobiluncus mulieris, strain UPII 28-I (also referred to as strain 28-1) was isolated from a human vaginal cavity. HM-125 was produced by inoculation of BEI Resources seed lot 60261819 into ETSA Medium and incubated for 3 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). The material from the initial growth was passaged once in ETSA Medium for 2 days at 37°C in an anaerobic atmosphere to produce this lot. Quality control testing was completed on Tryptic Soy agar with 5% defibrinated sheep blood 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: 70059693

Manufacturing Date: 10MAY2023

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount)	Gram-negative rods Report results Report results	Gram-negative rods Punctiform Motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1430 base pairs)	≥ 99% sequence identity to <i>Mobiluncus mulieris</i> , strain UPII 28-I (GenBank: ADBR01000053.1)	100.0% sequence identity to <i>Mobiluncus mulieris</i> , strain UPII 28-I (GenBank: ADBR01000053.1)
Purity (post-freeze) Anaerobic 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood Aerobic with 5% CO ₂ 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood	Report results Report results	Growth consistent with expected colony morphology No growth
Viability (post-freeze)	Growth	Growth

/Sonia Bjorum Brower/

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30 AUG 2023

Technical Manager or designee, ATCC Federal Solutions

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