

Corynebacterium sp., Strain CMW7794

Catalog No. HM-1295

Product Description:

Corynebacterium sp., strain CMW7794 was isolated from a vaginal sample obtained in August 2014 from a pregnant woman with bacterial vaginosis in St. Louis, Missouri, USA. HM-1295 was produced by the inoculation of BEI Resources seed lot 70006596 into Lactobacilli MRS broth and incubated for 1 day at 37°C in an aerobic atmosphere with 5% CO₂. Broth inoculum was added to Lactobacilli MRS agar kolles, which were grown for 1 day at 37°C in an aerobic atmosphere with 5% CO₂ 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: 70060184

Manufacturing Date: 28APR2023

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount)	Gram-positive rods Report results Report results	Gram-positive rods Circular, low convex, entire, smooth and cream Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1460 base pairs)	≥ 99% sequence identity to <i>Corynebacterium</i> sp. strain CMW7794 (GenBank: LSRB01000004)	100% sequence identity to <i>Corynebacterium</i> sp., strain CMW7794 (GenBank: LSRB01000004)
Purity (post-freeze) 7 days at 37°C in an aerobic atmosphere with 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)	Growth	Growth

/Sonia Bjorum Brower/

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31 JUL 2023

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