

***Corynebacterium* sp., Strain CMW7794**

Catalog No. HM-1295

Product Description: *Corynebacterium* sp., strain CMW7794 is a vaginal isolate obtained in August 2014 from a pregnant woman with bacterial vaginosis in St. Louis, Missouri, USA. (Note: The strain designation, strain CMS7794, on the vial label for lot 70006648 is incorrect. The correct strain designation is CMW7794.)

Lot^{1,2}: 70006648

Manufacturing Date: 29JUN2017

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphologies ^{3,4} Motility (wet mount)	Gram-positive rods Report results Report results	Gram-positive rods Colony type 1: Circular, convex, entire, smooth and cream (Figure 1) Colony type 2: Circular, convex, entire, translucent and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 710 base pairs)	≥ 99% sequence identity to <i>Corynebacterium</i> sp., strain CMW7794 (GenBank: LSRB01000004.1)	100% sequence identity to <i>Corynebacterium</i> sp., strain CMW7794 (GenBank: LSRB01000004.1)
Purity (post-freeze)⁵	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze)²	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.

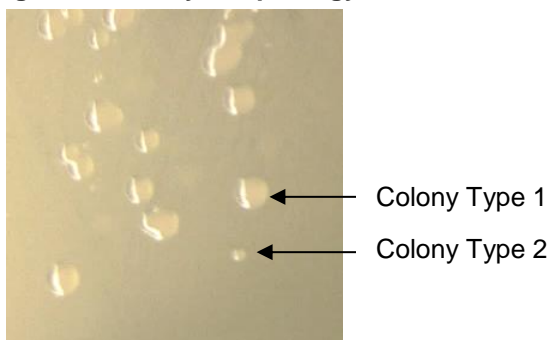
²*Corynebacterium* sp., strain CMW7794 was deposited by Amanda Lewis, Ph.D., Department of Molecular Microbiology, Washington University School of Medicine, St. Louis, Missouri, USA. HM-1295 was produced by inoculation of the deposited material into Lactobacilli MRS broth and incubated for 1 day at 37°C 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.

³1 day at 37°C in an aerobic atmosphere with 5% CO₂ on Lactobacilli MRS agar

⁴Two colony types were observed. Plating of the individual colony types showed that colony type 2 reverted to the colony type 1 after 1 day of incubation at 37°C in an aerobic atmosphere with 5% CO₂ on Lactobacilli MRS agar.

⁵Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO₂ on Lactobacilli MRS agar.

Figure 1: Colony Morphology



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