

***Fusobacterium gonidiaformans*, Strain CMW8396**

Catalog No. HM-1274

Product Description: *Fusobacterium gonidiaformans* (*F. gonidiaformans*) strain CMW8396 is a vaginal isolate obtained in 2014 from a female with bacterial vaginosis in St. Louis, Missouri, USA. (HM-1274 was deposited to BEI Resources as *F. equinum*, however, further sequence analysis by the depositor confirmed it as *F. gonidiaformans*.)

Lot^{1,2}: 70006655

Manufacturing Date: 14JUL2017

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount)	Gram-negative rod Report results Report results	Gram-negative rod Circular, convex, entire, smooth and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 770 base pairs)	≥ 99% sequence identity to <i>F. gonidiaformans</i> , strain CMW8396 (GenBank: LRPX01000107.1)	100% sequence identity to <i>F. gonidiaformans</i> , strain CMW8396 (GenBank: LRPX01000107.1) ⁴
Purity (post-freeze) Anaerobic growth ⁵ Aerobic growth ⁶	Consistent with expected colony morphology No growth	Consistent with expected colony morphology No growth
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*F. gonidiaformans*, strain CMW8396 was deposited by Amanda Lewis, Ph.D., Assistant Professor, Department of Molecular Microbiology, Washington University School of Medicine, St. Louis, Missouri, USA. HM-1274 was produced by inoculation of the deposited material into Modified Chopped Meat broth and incubated for 2 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). The material from the initial growth was passaged once in Modified Chopped Meat broth for 2 days at 37°C in an anaerobic atmosphere to produce this lot.

³2 days at 37°C in an anaerobic atmosphere on Brucella agar with hemin (5 µg/mL) and vitamin K1 (10 µg/mL) supplemented with 5% defibrinated sheep blood

⁴The whole genome sequence for *F. gonidiaformans*, strain CMW8396 was deposited into GenBank under *F. equinum*, strain CMW8396. Further sequence analysis by the depositor identified strain CMW8396 as *F. gonidiaformans*.

⁵Purity of this lot was assessed for 7 days at 37°C in an anaerobic atmosphere on Brucella agar with hemin (5 µg/mL) and vitamin K1 (10 µg/mL) supplemented with 5% defibrinated sheep blood.

⁶Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO₂ on Tryptic Soy agar with 5% defibrinated sheep blood.

Figure 1: Colony Morphology



Date: 17 NOV 2017

Signature:



BEI Resources Authentication

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