

***Gemella asaccharolytica*, Strain KA00071**

Catalog No. HM-1242

Product Description: *Gemella asaccharolytica* (*G. asaccharolytica*), strain KA00071 is a vaginal isolate obtained in November 2012 from a woman with bacterial vaginosis.

Lot¹⁻³: 70011123

Manufacturing Date: 02JAN2018

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ⁴ Motility (wet-mount)	Report results Report results Report results	Gram-variable cocci Punctiform and translucent (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 760 base pairs)	≥ 99% sequence identity to <i>G. asaccharolytica</i> , strain KA00071 (GenBank: LSDB01000018.1)	100% sequence identity to <i>G. asaccharolytica</i> , strain KA00071 (GenBank: LSDB01000018.1)
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)⁴	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*G. asaccharolytica*, strain KA00071 was deposited by David N. Fredricks, M.D., Principal Investigator, Vaccine and Infectious Diseases Division, Fred Hutchinson Cancer Research Center, Seattle, Washington, USA. HM-1242 lot 70011123 was produced by inoculation of the deposited material in Brain Heart Infusion broth which was cultivated on Brucella agar with hemin (5 µg/mL) and vitamin K1 (10 µg/mL) supplemented with 5% defibrinated sheep blood for 3 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™ R681001). The material from the initial growth was passaged three times on Brucella agar with hemin (5 µg/mL) and vitamin K1 (10 µg/mL) supplemented with 5% defibrinated sheep blood at 37°C in an anaerobic atmosphere to produce this lot.

³Growth in broth is not recommended for *G. asaccharolytica*, strain KA00071 and may not be reproducible.

⁴4 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

⁵Purity of this lot was assessed for 7 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar 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



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