

***Fingoldia magna*, Strain SY01**

**Catalog No. HM-293**

**Product Description:**

*Fingoldia magna* (*F. magna*), strain SY01 (also referred to as strain SY403409CC001050417) was isolated in 2009 from the vagina of a patient with bacterial vaginosis in Urbana, Illinois, USA. HM-293 lot 70032749 was produced by the inoculation of BEI Resources seed material into Chopped Meat broth and incubated for 4 days at 37°C in an anaerobic atmosphere (< 5% O<sub>2</sub>; MGC Pack-Anaero™). The material from the initial growth was passaged once in Chopped Meat broth for 4 days at 37°C in an anaerobic atmosphere to produce this lot.

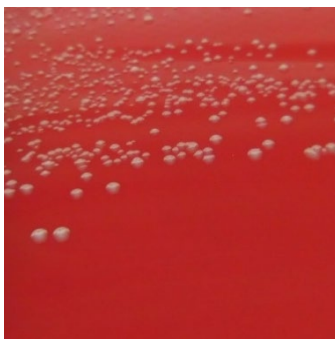
Note: Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

**Lot: 70032749**

**Manufacturing Date: 18FEB2020**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology 4 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood Motility (wet mount)	Gram-positive cocci Report results  Report results	Gram-positive cocci Circular, convex, entire, smooth and cream (Figure 1)  Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1410 base pairs)	≥ 99% sequence identity to <i>F. magna</i> , strain SY403409CC001050417 (GenBank: AFUI01000011)	99.9% sequence identity to <i>F. magna</i> , strain SY403409CC001050417 (GenBank: AFUI01000011)
<b>Purity (post-freeze)</b> Anaerobic 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood Aerobic with 5% CO <sub>2</sub> 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology  No growth	Growth consistent with expected colony morphology  No growth
<b>Viability (post-freeze)</b> 4 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood	Growth	Growth

Figure 1: Colony Morphology



/Heather Couch/  
Heather Couch

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Program Manager or designee, ATCC Federal Solutions

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