

Megasphaera sp., Strain BV3C16-1

Catalog No. HM-823

Product Description: *Megasphaera* sp., strain BV3C16-1 was isolated from a human vaginal swab.

Lot^{1,2}: 62451375

Manufacturing Date: 04APR2014

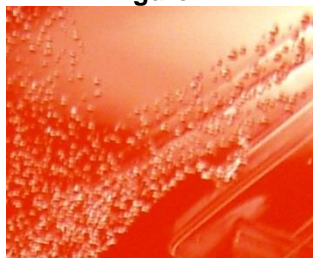
TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount)	Report results Report results Non-motile	Gram-negative coccobacillus Punctiform (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1520 base pairs)	≥ 99% identical to GenBank: AWXA01000023 (<i>Megasphaera</i> sp., strain BV3C16-1)	≥ 99% identical to GenBank: AWXA01000023 (<i>Megasphaera</i> sp., strain BV3C16-1)
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*Megasphaera* sp., strain BV3C16-1 was deposited by Maria V. Sizova, Ph.D., Department of Biology, Northeastern University, Boston, Massachusetts, USA. HM-823 was produced by inoculation of the deposited material into Modified Chopped Meat medium and incubated for 71 hours at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™ R681001). Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles which were grown for 95 hours at 37°C in an anaerobic atmosphere to produce this lot. Purity of this lot was assessed for 7 days under propagation conditions.

³7 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

Figure 1



Date: 02 JUL 2014

Signature:

Title: Technical Manager, BEI Authentication or designee

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