

Megasphaera sp., Strain DNF00872

Catalog No. HM-1083

Product Description: *Megasphaera* sp., strain DNF00872 was isolated in 2011 from vaginal fluid collected from a woman that tested positive for bacterial vaginosis in Washington, USA.

Lot^{1,2}: 63585534

Manufacturing Date: 01JUL2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount)	Gram-negative cocci Report results Report results	Gram-negative cocci Circular, convex, entire, opaque and cream (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1510 base pairs)	≥ 99% identical to depositor's sequence	≥ 99% identical to depositor's sequence (GenBank: KC297228)
Purity (post-freeze)⁴ Anaerobic atmosphere Aerobic atmosphere	Growth consistent with expected morphology No growth	Growth consistent with expected morphology No growth
Viability (post-freeze)³	Growth	Growth

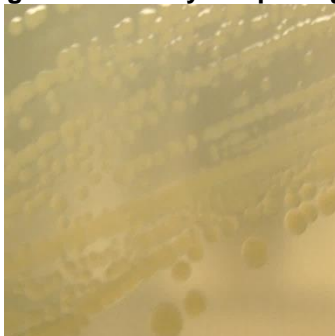
¹Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

²*Megasphaera* sp., strain DNF00872 was deposited by David N. Fredricks, Principal Investigator, Vaccine and Infectious Diseases Division, Fred Hutchinson Cancer Research Center, Seattle, Washington, USA. The deposited material was inoculated into Brain Heart Infusion broth and grown 1 day in an anaerobic atmosphere at 37°C and preserved in 10% glycerol. HM-1083 was produced by inoculation of the preserved material into Brain Heart Infusion broth and grown 1 day at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). The material from this growth was passaged once in Brain Heart Infusion broth for 1 day under propagation conditions to produce this lot.

³2 days at 37°C in an anaerobic atmosphere on Brain Heart Infusion agar

⁴Purity of this lot was assessed for 7 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood and 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



Certificate of Analysis for HM-1083

Date: 19 NOV 2015

Signature:



BEI Resources Authentication

ATCC[®], on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC[®]'s knowledge.

ATCC[®] is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

