

Certificate of Analysis for HM-1172

Megasphaera micronuciformis, Strain DNF00954

Catalog No. HM-1172

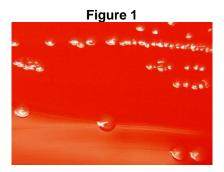
Product Description: *Megasphaera micronuciformis* (*M. micronuciformis*), strain DNF00954 was isolated on November 28, 2011, from vaginal fluid collected from a woman that tested positive for bacterial vaginosis in the United States.

Lot^{1,2}: 62072060 Manufacturing Date: 15OCT2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-negative cocci	Gram-negative cocci
Colony morphology ³	Report results	Circular, low convex, entire, smooth, translucent and colorless (Figure 1)
Hemolysis on blood agar ³	Report results	Non-hemolytic
Motility (wet mount)	Non-motile	Non-motile
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (~ 1260 base pairs)	≥ 99% identical to depositor's sequence	≥ 99% identical to depositor's sequence (GenBank: KF280303)
Purity (post-freeze) ⁴	Growth consistent with M. micronuciformis	Growth consistent with M. micronuciformis
Viability (post-freeze) ³	Growth	Growth

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.

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



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²M. micronuciformis, strain DNF00954 (HM-1172) was deposited by David N. Fredricks, Principal Investigator, Vaccine and Infectious Diseases Division, Fred Hutchinson Cancer Research Center, Seattle, Washington, USA. HM-1172 was produced by inoculation of the deposited material into Modified Reinforced Clostridial broth and incubated for 5 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™ R681001). The initial growth was used to inoculate Modified Chopped Meat medium and a Tryptic Soy agar with 5% defibrinated sheep blood plate and both were grown at 37°C in an anaerobic atmosphere for 4 days and transferred to a room temperature anaerobic box (80% N: 20% CO₂) for 3 days. Colonies from the plate were scraped into the modified chopped meat medium growth and the growth mixture was added to a Tryptic Soy agar with 5% defibrinated sheep blood plate kolles and grown for 4 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™ R681001) to produce this lot.</p>

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



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Date: 07 NOV 2014 Signature:

Title: Technical Manager, BEI Authentication or designee

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