

Anaerococcus hydrogenalis, Strain MJR7738A

Catalog No. HM-1292

Product Description: *Anaerococcus hydrogenalis* (*A. hydrogenalis*), strain MJR7738A is a vaginal isolate obtained in 2014 from a pregnant woman with bacterial vaginosis in St. Louis, Missouri, USA.

Lot^{1,2}: 70009360

Manufacturing Date: 27OCT2017

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount)	Gram-positive cocci Report results Report results	Gram-positive cocci Circular, convex, entire, smooth and white (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 760 base pairs)	≥ 99% sequence identity to <i>A. hydrogenalis</i> , strain MJR7738A (GenBank: LRPL01000137.1)	100% sequence identity to <i>A. hydrogenalis</i> , strain MJR7738A (GenBank: LRPL01000137.1) ⁴
Purity (post-freeze) Anaerobic growth ⁵ Aerobic growth ⁶	Growth consistent with expected colony morphology Report results	Consistent with expected colony 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*A. hydrogenalis*, strain MJR7738A was deposited by Amanda Lewis, Ph.D., Assistant Professor, Department of Molecular Microbiology, Washington University School of Medicine, St. Louis, Missouri, USA. HM-1292 was produced by inoculation of the deposited material into Modified Chopped Meat broth and incubated for 2 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). Broth inoculum was passaged in Modified Chopped Meat broth for 2 days at 37°C in an anaerobic atmosphere to produce this lot.

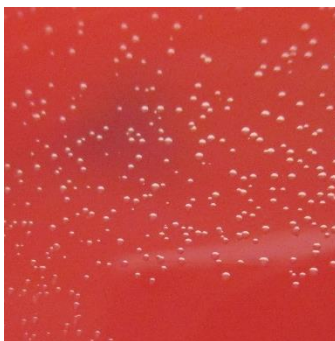
³2 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

⁴Also consistent with other *Anaerococcus* sp.

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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Program Manager or designee, ATCC Federal Solutions

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