

***Sutterella wadsworthensis*, Strain HGA0223**
Catalog No. HM-852
Product Description:

Sutterella wadsworthensis (*S. wadsworthensis*), strain HGA0223 was isolated from a biopsy of large intestine mucosa of a human subject in the United States. HM-852 was produced by inoculation of BEI Resources seed lot 63539877 into Modified Chopped Meat medium containing 6% formate and 6% fumarate broth and grown for 2 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood agar kolles, which were grown for 3 days at 37°C in an aerobic 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: 70065128
Manufacturing Date: 08JAN2024

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology 2 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood Colony morphology 2 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood Motility (wet mount)	Gram-negative rods Report results Non-motile	Gram-negative rods Circular, low convex, entire, smooth and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1440 base pairs)	≥ 99% sequence identity to <i>S. wadsworthensis</i> , strain HGA0223 (GenBank: ATCF01000039.1)	99.9% sequence identity to <i>S. wadsworthensis</i> , strain HGA0223 (GenBank: ATCF01000039.1)
Purity (post-freeze) Anaerobic 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood Aerobic with 5% CO ₂ 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
Viability (post-freeze) 2 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood	Growth	Growth

Figure 1: Colony Morphology



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08 MAY 2024

Technical Manager or designee, ATCC Federal Solutions

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