

Acidaminococcus sp., Strain HPA0509

Catalog No. HM-853

Product Description: *Acidaminococcus* sp., strain HPA0509 was isolated from a biopsy of ileo-anal pouch mucosa of a human subject in the United States.

Lot^{1,2}: 64103222

Manufacturing Date: 11MAR2016

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount)	Gram-negative cocci Report results Report results	Gram-negative cocci Circular, low convex, entire, smooth and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (1510 base pairs)	≥ 99% sequence identity to GenBank: ATBZ01000025 (<i>Acidaminococcus</i> sp., strain HPA0509)	≥ 99% sequence identity to GenBank: ATBZ01000025 (<i>Acidaminococcus</i> sp., strain HPA0509)
Purity (post-freeze) Anaerobic ⁴ Aerobic ⁵	Growth consistent with expected colony morphology No growth	Growth 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.

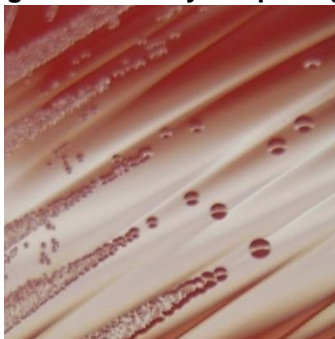
²*Acidaminococcus* sp., strain HPA0509 was deposited by Thomas M. Schmidt, Professor, Department of Microbiology and Molecular Genetics, Michigan State University, East Lansing, Michigan, USA. The deposited material was inoculated into Modified Chopped Meat medium and incubated for 2 days at 37°C in an anaerobic atmosphere (80% N₂:10% CO₂:10% H₂; Anoxomat[®]). The material from the initial growth was passaged once in Modified Chopped Meat medium for 1 day at 37°C in an anaerobic atmosphere to produce this lot.

³2 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel[™] Pack-Anaero[™]) on Tryptic Soy agar with 5% defibrinated sheep blood

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.

⁵Purity 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



Date: 12 MAY 2016

Signature: 

BEI Resources Authentication

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