

***Parabacteroides distasonis*, Strain 31_2 (Deposited as *Porphyromonas* sp., Strain 31_2)**

Catalog No. HM-169

Product Description:

Parabacteroides distasonis (*P. distasonis*), strain 31_2 was isolated from a human fecal sample. **HM-169 was deposited as *Porphyromonas* sp.; however, this organism has been reclassified since the depositor's 16S ribosomal RNA gene sequence and the 16S ribosomal RNA gene sequence obtained from HM-169 align more favorably with *P. distasonis*.** HM-169 lot 70041380 was produced by the inoculation of the BEI Resources seed lot into Modified Chopped Meat broth and incubated for 3 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). The material from the initial growth was passaged once in Modified Chopped Meat broth for 2 days at 37°C in an anaerobic atmosphere to produce this lot.

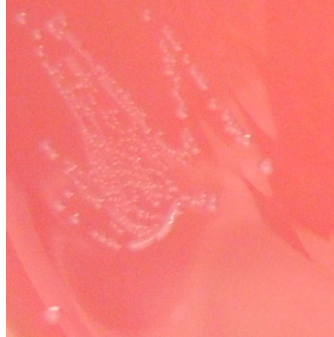
Note: Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

Lot: 70041380

Manufacturing Date: 03FEB2021

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology 3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood Colony morphology 3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood Motility (wet mount) 3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood	Gram-negative rods Report results Report results	Gram-negative rods Circular, convex, entire, smooth and white (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1410 base pairs)	≥ 99% sequence identity to <i>P. distasonis</i> , Strain 31_2 (GenBank: ACUD01000004.1)	99.4% sequence identity to <i>P. distasonis</i> , Strain 31_2 (GenBank: ACUD01000004.1)
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) 3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood	Growth	Growth

Figure 1: Colony Morphology



/Heather Couch/
Heather Couch

Program Manager or designee, ATCC Federal Solutions

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