

***Parabacteroides merdae*, Strain CL09T00C40**
Catalog No. HM-729
Product Description:

Parabacteroides merdae (*P. merdae*), strain CL09T00C40 was isolated from healthy adult human feces in Boston, Massachusetts, USA. HM-729 was produced by the inoculation of BEI Resources seed lot 62323797 into Modified Reinforced Clostridium Medium and incubated for 3 days in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles, which were grown for 3 days at 37°C in an anerobic 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: 70055115
Manufacturing Date: 17OCT2022

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology 2 days in anaerobic atmosphere at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood Motility (wet mount)	Gram-negative rods Report results Report results	Gram-negative rods Circular, convex, entire, smooth and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1470 base pairs)	≥ 99% sequence identity to <i>P. merdae</i> , strain CL09T00C40 (GenBank: AJPU01000037.1)	100% sequence identity to <i>P. merdae</i> , strain CL09T00C40 (GenBank: AJPU01000037.1) 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	Consistent with expected colony morphology No growth or consistent with expected colony morphology	Consistent with expected colony morphology No growth
Viability (post-freeze) 2 days in anaerobic atmosphere at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood	Growth	Growth

¹Also consistent with other *Parabacteroides* species

Figure 1: Colony Morphology


/Sonia Bjorum Brower/

Sonia Bjorum Brower

20 JUN 2023

Lead Technical Writer or designee, ATCC Federal Solutions

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

