Certificate of Analysis for HM-849

Prevotella oralis, Strain HGA0225

Catalog No. HM-849

Product Description:

Prevotella oralis (P. oralis), strain HGA0225 was isolated from a biopsy of large intestine mucosa of a human subject in Michigan, USA. HM-849 was produced by the inoculation of BEI Resources seed lot 62202648 into Modified Chopped Meat broth and incubated for 5 days at 37°C in an anaerobic atmosphere (< 5% O_2; Remel™ Pack-Anaero™). The material from the initial growth was passaged on Tryptic Soy agar with 5% defibrinated sheep blood for 3 days at 37°C in an aerobic atmosphere before inoculating Tryptic Soy agar with 5% defibrinated sheep blood kolles, which were grown 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: 70046946 **Manufacturing Date: 22SEP2021**

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	Gram-negative rods	Gram-negative rods
Colony morphology 3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood	Report results	Circular, convex, entire, smooth and white (Figure 1)
Motility (wet mount)	Non-motile	Non-motile
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (~ 1480 base pairs)	≥ 99% sequence identity to *P. oralis*, strain HGA0225 (GenBank: ATFN01000011.1)	100% sequence identity to *P. oralis,* strain HGA0225 (GenBank: ATFN01000011.1)
Purity (post-freeze)		
Anaerobic 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Aerobic with 5% CO_2 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood	No growth or 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

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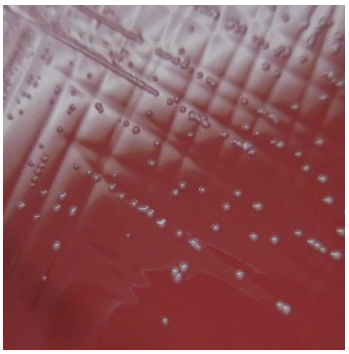
Figure 1: Colony Morphology



/Heather Couch/
Heather Couch 22 MAR 2022
Program Manager 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.

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