

Certificate of Analysis for HM-1053

Prevotella nigrescens, Strain CC14M

Catalog No. HM-1053

Product Description:

Prevotella nigrescens (P. nigrescens), strain CC14M was isolated in October 2010 from colonic biopsy tissue of a human subject in Victoria, British Columbia, Canada. HM-1053 was produced by the inoculation of BEI Resources seed lot 62907107 into Modified Chopped Meat broth and incubated for 5 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). The material from the initial growth was inoculated into Modified Chopped Meat broth and passaged once into Tryptic Soy agar with 5% defibrinated sheep blood kolles, which were grown for 5 days at 37°C in an anaerobic atmosphere to produce this lot.

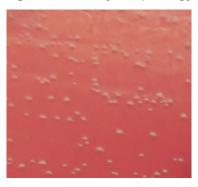
<u>Note</u>: Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

Lot: 70041379 Manufacturing Date: 19APR2021

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-negative rods	Gram-negative rods
Colony morphology ¹ 3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood	Report results	Circular, low convex, entire, smooth and gray (Figure 1)
Motility (wet mount)	Non-motile	Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (1450 base pairs)	≥ 99% sequence identity to P. nigrescens, strain CC14M (GenBank: AZJH01000007)	99.9% sequence identity to <i>P. nigrescens</i> , strain CC14M (GenBank: AZJH01000007)
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	No growth
Viability (post-freeze) 3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep	Growth	Growth

¹Colonies may turn black under extended incubation

Figure 1: Colony Morphology



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18 OCT 2021

Program Manager or designee, ATCC Federal Solutions

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