

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.

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: 70041379

Manufacturing Date: 19APR2021

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ¹ 3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood Motility (wet mount)	Gram-negative rods Report results Non-motile	Gram-negative rods Circular, low convex, entire, smooth and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (1450 base pairs)	≥ 99% sequence identity to <i>P. nigrescens</i> , 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 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	Growth	Growth

¹Colonies may turn black under extended incubation

Figure 1: Colony Morphology



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Program Manager or designee, ATCC Federal Solutions

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