

***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.

Lot^{1,2}: 62907108

Manufacturing Date: 15SEP2014

| TEST | SPECIFICATIONS | RESULTS |
|---|---|--|
| Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount) | Gram-negative rods Report results Non-motile | Gram-negative rods Circular, convex, entire, smooth and gray (Figure 1) Non-motile |
| Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 700 base pairs) | ≥ 99% identical to GenBank: AZJH01000007 (<i>P. nigrescens</i> , strain CC14M) | ≥ 99% identical to GenBank: AZJH01000007 (<i>P. nigrescens</i> , strain CC14M) |
| Purity (post-freeze) Anaerobic growth ⁴ Aerobic growth ⁵ | Consistent with expected colony morphology No growth | Consistent with expected colony morphology No growth |
| Viability (post-freeze)³ | Growth | Growth |

¹Quality 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.

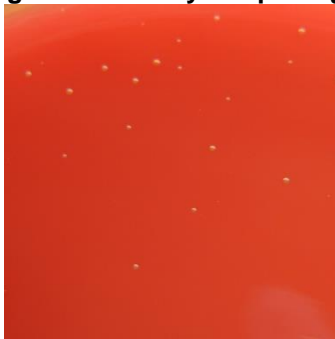
²*P. nigrescens*, strain CC14M was deposited by Emma Allen-Vercoe, Assistant Professor, Department of Molecular and Cellular Biology, University of Guelph, Guelph, Ontario, Canada. HM-1053 was produced by inoculation of the deposited material into Modified Chopped Meat medium and incubated for 47 hours at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™ R681001). The material from the initial growth was passaged once in Modified Chopped Meat medium for 72 hours at 37°C in an anaerobic atmosphere to produce this lot.

³72 hours at 37°C in an anaerobic atmosphere on Fastidious Anaerobe agar with 5% defibrinated sheep blood

⁴Purity of this lot was assessed for 10 days on Fastidious Anaerobe agar with 5% defibrinated sheep blood at 37°C in an anaerobic atmosphere.

⁵Purity of this lot was assessed for 72 hours on Fastidious Anaerobe agar with 5% defibrinated sheep blood at 37°C in an aerobic atmosphere with 5% CO₂.

Figure 1: Colony Morphology



Certificate of Analysis for HM-1053

Date: 30 OCT 2014

Signature:



BEI Resources Authentication

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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