SUPPORTING INFECTIOUS DISEASE RESEARCH

Parabacteroides goldsteinii, Strain CC87F

Catalog No. HM-1050

Product Description:

Parabacteroides goldsteinii (P. goldsteinii), strain CC87F was isolated in October 2010 from colonic biopsy tissue of a human subject in Victoria, British Columbia, Canada. HM-1050 was produced by inoculation of BEI Resources seed lot 63283075 into Modified Reinforced Chlostridial broth and grown for 3 days at 37°C 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 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: 70068827

Manufacturing Date: 06JUN2024

| 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, low convex, entire, smooth and gray (Figure 1) |
| Motility (wet mount) | Report results | Non-motile |
| Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1450 base pairs) | ≥ 99% sequence identity to <i>P. goldsteinii</i> type strain (GenBank: AQHV01000028.1) | ≥ 99% sequence identity to <i>P. goldsteinii</i> type strain (GenBank: AQHV01000028.1) 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 | 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 |

¹Also consistent with other *Parabacteroides* species

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Certificate of Analysis for HM-1050

Figure 1: Colony Morphology



/Sonia Bjorum Brower/ Sonia Bjorum Brower

Technical Manager or designee, ATCC Federal Solutions

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