

Porphyromonas gingivalis, Strain F0185

Catalog No. HM-1140

Product Description:

Porphyromonas gingivalis (*P. gingivalis*), strain F0185 was isolated in December 1985 from the tooth of a patient diagnosed with juvenile periodontitis in the United States. HM-1140 lot 70043163 was produced by the inoculation of BEI Resources seed lot 63359850 into Supplemented Tryptic Soy broth and incubated for 4 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™ R681001). The material from the initial growth was passaged once in Supplemented Tryptic Soy broth for 3 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: 70043163

Manufacturing Date: 12APR2021

| 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 Colony morphology 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 Report results | Gram-negative rods Circular, convex, entire, smooth and gray (Figure 1) Non-motile |
| Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1470 base pairs) | ≥ 99% sequence identity to <i>P. gingivalis</i> , strain F0185 (GenBank: AWVC01000133.1) | 99.7% sequence identity to <i>P. gingivalis</i> , strain F0185 (GenBank: AWVC01000133.1) |
| 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 blood | Growth | Growth |

Figure 1: Colony Morphology



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Program Manager or designee, ATCC Federal Solutions

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