

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.

Lot^{1,2}: 63359849

Manufacturing Date: 06MAR2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount)	Gram-negative, pleomorphic rods Report results Report results	Gram-negative coccobacilli to bacilli Circular, convex, entire, smooth and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1400 base pairs)	≥ 99% identical to GenBank AWVC01000133 (<i>P. gingivalis</i> , strain F0185)	≥ 99% identical to GenBank AWVC01000133 (<i>P. gingivalis</i> , strain F0185)
Purity (post-freeze) Anaerobic growth ⁴ Aerobic growth ⁵	Growth consistent with <i>P. gingivalis</i> No growth	Growth consistent with <i>P. gingivalis</i> 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.

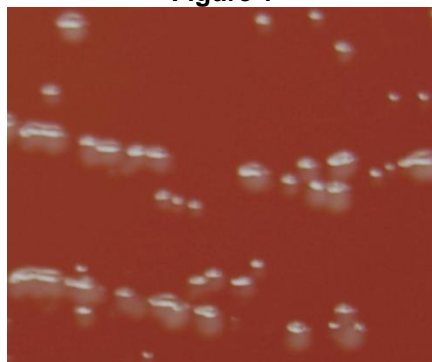
²*P. gingivalis*, strain F0185 was deposited by Floyd E. Dewhirst, D.D.S., Ph.D., Senior Member of the Staff, Department of Microbiology and Jacques Izard, Assistant Member of the Staff, Department of Molecular Genetics, The Forsyth Institute, Cambridge, Massachusetts, USA. HM-1140 was produced by inoculation of the deposited material into Supplemented Tryptic Soy broth and incubated for 24 hours at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). The material from the initial growth was passaged once in Supplemented Tryptic Soy broth for 48 hours at 37°C in an anaerobic atmosphere to produce this lot.

³70 hours at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

⁴Purity of this lot was assessed for 7 days on Tryptic Soy agar with 5% defibrinated sheep blood at 37°C in an anaerobic atmosphere.

⁵Purity of this lot was assessed for 7 days on Tryptic Soy agar with 5% defibrinated sheep blood at 37°C in an aerobic atmosphere with 5% CO₂.

Figure 1



Certificate of Analysis for HM-1140

Date: 04 MAY 2015

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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