

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 was produced by inoculation of BEI Resources seed lot 63359850 into Supplemented Tryptic Soy broth and grown for 4 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™ R681001). Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles, which were grown for 4 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.

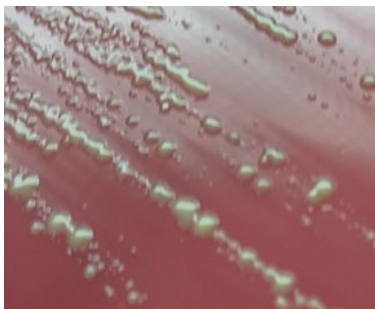
Lot: 70084983

Manufacturing Date: 18AUG2026

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology 4 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood Colony morphology 4 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood Motility (wet mount) VITEK® MS (MALDI-TOF)	Gram-positive rods Report results Report results <i>P. gingivalis</i>	Gram-positive rods Circular, convex, entire, smooth and cream (Figure 1) Non-motile <i>P. gingivalis</i> (99.9%)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1460 base pairs)	≥ 99% sequence identity to <i>P. gingivalis</i> , strain F0185 (GenBank: AWVC01000133.1)	99.8% sequence identity to <i>P. gingivalis</i> , strain F0185 (GenBank: AWVC01000133.1) 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 Growth consistent with expected colony morphology or no growth	Growth consistent with expected colony morphology No growth
Viability (post-freeze) 4 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood	Growth	Growth

¹Also consistent with other *Porphyromonas* species

Figure 1: Colony Morphology



/Sonia Bjorum Brower/

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