

Porphyromonas gingivalis, Strain F0568

Catalog No. HM-1071

Product Description:

Porphyromonas gingivalis (*P. gingivalis*), strain F0568 was isolated in 1983 from the subgingival plaque biofilm of a patient diagnosed with moderate periodontitis in the United States. HM-1071 was produced by inoculation of BEI Resources seed lot 62727051 into Supplemented Tryptic Soy broth and incubated for 7 days 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 7 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™) to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

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: 70050461

Manufacturing Date: 25APR2022

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis¹ Cellular morphology Motility (wet mount)	Gram-negative rods Non-motile	Gram-negative rods Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (1470 base pairs)	≥ 99% sequence identity to <i>P. gingivalis</i> , strain F0568 (GenBank: AWUU01000079.1)	100% sequence identity to <i>P. gingivalis</i> , strain F0568 (GenBank: AWUU01000079.1)
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	Report results No growth	No growth No growth
Viability (post-freeze) 7 days at 37°C in an anaerobic atmosphere on Supplemented Tryptic Soy broth	Growth	Growth

¹Growth on agar is not recommended for *P. gingivalis*, strain F0568 and may not be reproducible. Some punctiform growth may be observed.

/Sonia Bjorum Brower/
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26 SEP 2022

Technical Manager or designee, ATCC Federal Solutions

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