

***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.

Lot: 70028897^{1,2}

Manufacturing Date: 25SEP2019

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility	Gram-negative rods Report results Report results	Gram-negative rods Punctiform and translucent (Figure 1) 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 growth ⁴ Aerobic growth ⁵	Consistent with expected colony morphology No growth	Consistent with expected colony morphology 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 F0568 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-1071 lot 70028897 was produced by the inoculation of BEI Resources HMS-1071 lot 62727051 into supplemented Tryptic Soy broth and incubated for 7 days at 37°C in an anaerobic atmosphere (< 0.5% O₂; Remel™ Anaero Pack™). The material from the initial growth was passaged once in supplemented Tryptic Soy broth for 7 days at 37°C in an anaerobic atmosphere to produce this lot.

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

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

Figure 1: Colony Morphology



/Heather Couch/

Heather Couch

Program Manager or designee, ATCC Federal Solutions

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