SUPPORTING INFECTIOUS DISEASE RESEARCH

# 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<sup>1,2</sup>

### Manufacturing Date: 25SEP2019

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-negative rods	Gram-negative rods
Colony morphology <sup>3</sup>	Report results	Punctiform and translucent (Figure 1)
Motility	Report results	Non-motile
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene	≥ 99% sequence identity to	100% sequence identity to
(~ 1470 base pairs)	P. gingivalis, strain F0568	P. gingivalis, strain F0568
	(GenBank: AWUU01000079.1)	(GenBank: AWUU01000079.1)
Purity (post-freeze)		
Anaerobic growth <sup>4</sup>	Consistent with expected colony	Consistent with expected colony
	morphology	morphology
Aerobic growth <sup>5</sup>	No growth	No growth
Viability (post-freeze) <sup>3</sup>	Growth	Growth

<sup>1</sup>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.

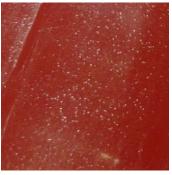
<sup>2</sup>P. gingivalis, strain F0568 was deposited by Floyd E. Dewhirst, D.D.S, Ph.D., Senior Member of the Staff, Department of Microbiology and Jacques Izard, Assistant Member of the Staff, Department of Molecular Genetics, The Forsyth Institute, Cambridge, Massachusetts, USA. HM-1071 lot 70028897 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% O<sub>2</sub>; Remel<sup>™</sup> Anaero Pack<sup>™</sup>). 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.

<sup>3</sup>7 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

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

<sup>5</sup>Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub> on Tryptic Soy agar with 5% defibrinated sheep blood.

#### Figure 1: Colony Morphology



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