

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 53-year-old male patient diagnosed with moderate periodontitis in the U.S.

Lot¹⁻³: 62727057

Manufacturing Date: 11JUL2014

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ⁴ Motility (wet mount)	Gram-negative, pleomorphic rods Report results Non-motile	Gram-negative, pleomorphic rods No growth on agar ⁵ Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1440 base pairs)	≥ 99% identical to GenBank AWUU01000079 (<i>P. gingivalis</i> , strain F0568)	≥ 99% identical to GenBank AWUU01000079 (<i>P. gingivalis</i> , strain F0568)
Purity (post-freeze) Aerobic growth ⁶	No growth	No growth
Viability (post-freeze)⁷	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 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™ R681001). 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.

³Growth on agar is not recommended for *P. gingivalis*, strain F0568 and may not be reproducible.

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

⁵Some punctiform growth may be observed.

⁶Purity 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.

⁷7 days at 37°C in an anaerobic atmosphere in supplemented Tryptic Soy broth

Date: 23 OCT 2014

Signature:



BEI Resources Authentication

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