

Porphyromonas gingivalis, Strain F0569

Catalog No. HM-1072

Product Description: *Porphyromonas gingivalis* (*P. gingivalis*), strain F0569 was isolated in 1984 from the subgingival plaque biofilm of a 39-year-old male patient diagnosed with periodontitis in the United States.

Lot¹⁻³: 62989153

Manufacturing Date: 06OCT2014

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ⁴ Motility (wet mount)	Gram-negative, pleomorphic rods Report results Report results	Gram-negative, pleomorphic rods No growth on agar ⁵ Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1480 base pairs)	≥ 99% identical to GenBank AWUV01000083 (<i>P. gingivalis</i> , strain F0569)	≥ 99% identical to GenBank AWUV01000083 (<i>P. gingivalis</i> , strain F0569)
Purity (post-freeze) Aerobic growth ⁶	No growth	Growth ⁷
Viability (post-freeze)^{3,8}	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 F0569 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-1072 was produced by inoculation of the deposited material into Supplemented Tryptic Soy broth and incubated for 72 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 72 hours at 37°C in an anaerobic atmosphere to produce this lot.

³Growth on agar is not recommended for *P. gingivalis*, strain F0569 and may not be reproducible.

⁴7 days at 37°C in an anaerobic atmosphere (95% N₂:5% CO₂:5% H₂) 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.

⁷After 6 days of incubation, circular, low convex, entire, gray colonies were observed. Sequencing of 16S ribosomal RNA gene found cells from these colonies to be consistent with cells from broth growth and with *P. gingivalis*, strain F0569 (GenBank: AWUV01000083).

⁸76 hours at 37°C in an anaerobic atmosphere (95% N₂:5% CO₂:5% H₂) in Supplemented Tryptic Soy broth

Date: 19 JAN 2015

Signature:



Title:

Technical Manager, BEI Authentication or designee

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