

Certificate of Analysis for HM-1073

Porphyromonas gingivalis*, Strain F0570*Catalog No. HM-1073**

Product Description: *Porphyromonas gingivalis* (*P. gingivalis*), strain F0570 was isolated in 1984 from the subgingival plaque biofilm of a 46-year-old male patient diagnosed with moderate periodontitis in the United States.

Lot¹⁻³: 63214331**Manufacturing Date: 27FEB2015**

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ⁵ Motility (wet mount)	Gram-negative, pleomorphic rods Report results Report results	Gram-negative rods ⁴ No growth on agar Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1470 base pairs)	≥ 99% identical to GenBank AWUW01000085 (<i>P. gingivalis</i> , strain F0570)	≥ 99% identical to GenBank AWUW01000085 (<i>P. gingivalis</i> , strain F0570)
Purity (post-freeze) Aerobic growth ⁶	No growth	No growth
Viability (post-freeze)^{3,7}	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 F0570 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-1073 was produced by inoculation of the deposited material into Supplemented Tryptic Soy broth and incubated for 4 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 3 days at 37°C in an anaerobic atmosphere to produce this lot.

³Growth on agar is not recommended for *P. gingivalis*, strain F0570 and may not be reproducible.

⁴Coccobacilli may be observed.

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

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.

⁷3 days hours at 37°C in an anaerobic atmosphere in Supplemented Tryptic Soy broth

Date: 04 MAY 2015**Signature:**


BEI Resources Authentication

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

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