

Certificate of Analysis for HM-817

Porphyromonas sp., Oral Taxon 279, Strain F0450**Catalog No. HM-817**

Product Description: *Porphyromonas* sp., Oral Taxon 279, strain F0450 was isolated on February 1, 2009, from dental plaque of a healthy 2-year-old female in the United States.

Lot¹⁻³: 63325995

Manufacturing Date: 03APR2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ^{3,4} Motility (wet mount)	Gram-negative rods Report results Report results	Gram-negative rods No growth on agar Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1380 base pairs)	≥ 99% identical to GenBank ALKJ01000050 (<i>Porphyromonas</i> sp., Oral Taxon 279, strain F0450)	≥ 99% identical to GenBank ALKJ01000050 (<i>Porphyromonas</i> sp., Oral Taxon 279, strain F0450)
Purity (post-freeze) Aerobic growth ⁵	No growth	No growth
Viability (post-freeze)^{3,6}	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*Porphyromonas* sp., Oral Taxon 279, strain F0450 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-817 was produced by inoculation of the deposited material into Supplemented Tryptic Soy broth and incubated for 43 hours 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 48 hours at 37°C in an anaerobic atmosphere to produce this lot.

³Growth on agar is not recommended for *Porphyromonas* sp., Oral Taxon 279, strain F0450 and may not be reproducible.

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

⁵Purity 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.

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

Date: 07 AUG 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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