

Porphyromonas sp., Strain KLE1280

Catalog No. HM-781

Product Description: *Porphyromonas* sp., strain KLE1280 was isolated in October 2010 from human dental plaque.

Lot^{1,2}: 63359855

Manufacturing Date: 25MAR2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount)	Gram-negative, pleomorphic rods Report results Report results	Gram-negative, pleomorphic rods Punctiform and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1070 base pairs)	≥ 99% identical to GenBank JNOS01000001 (<i>Porphyromonas</i> sp., strain KLE1280)	≥ 99% identical to GenBank JNOS01000001 (<i>Porphyromonas</i> sp., strain KLE1280)
Purity (post-freeze) Anaerobic growth ⁴ Aerobic growth ⁵	Growth consistent with <i>Porphyromonas</i> sp. No growth	Growth consistent with <i>Porphyromonas</i> sp. No growth
Viability (post-freeze)³	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.

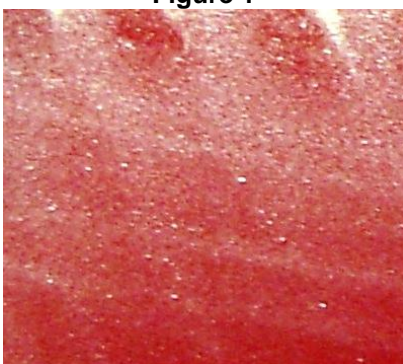
²*Porphyromonas* sp., strain KLE1280 was deposited by Kim Lewis, Professor, and Pallavi Murugkar, Department of Biology, Northeastern University, Boston, Massachusetts, USA. HM-781 was produced by inoculation of the deposited material into Supplemented Tryptic Soy broth and incubated for 71 hours at 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 42 hours at 37°C in an anaerobic atmosphere to produce this lot.

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

⁴Purity of this lot was assessed for 7 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.

Figure 1



Certificate of Analysis for HM-781

Date: 01 JUL 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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