

Porphyromonas* sp., Strain KLE1280*Catalog No. HM-781****Product Description:**

Porphyromonas sp., strain KLE1280 was isolated in October 2010 from human dental plaque. HM-781 was produced by inoculation of BEI Resources seed lot 63359856 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 2 days at 37°C in an anaerobic atmosphere to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

Note: Quality 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.

Lot: 70065649**Manufacturing Date: 24JAN2024**

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount)	Gram-negative rods Report results Non-motile	Gram-negative rods No growth observed ¹ Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (1050 base pairs)	≥ 99% sequence identity to <i>Porphyromonas</i> sp., strain KLE1280 (GenBank: JNOS01000001)	99.9% sequence identity to <i>Porphyromonas</i> sp., strain KLE1280 (GenBank: JNOS01000001)
Purity (post-freeze) Anaerobic 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood Aerobic with 5% CO ₂ 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology or no growth No growth	No growth No growth
Viability (post-freeze)	Growth	Growth

¹Growth on agar is not recommended for *Porphyromonas* sp., strain KLE1280 and may not be reproducible. Some punctiform growth may be observed.

/Sonia Bjorum Brower/

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24 JUN 2024

Technical Manager or designee, ATCC Federal Solutions

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