

Paenisporsarcina sp., Strain HGH0030

Catalog No. HM-788

Product Description:

Paenisporsarcina sp., strain HGH0030 was isolated from a biopsy of large intestine mucosa of a human subject. HM-788 was produced by inoculation of BEI Resources seed lot 62072077 into Tryptic Soy broth and grown for 3 days at 30°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles, which were grown for 2 days at 30°C in an aerobic atmosphere to produce this lot.

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.

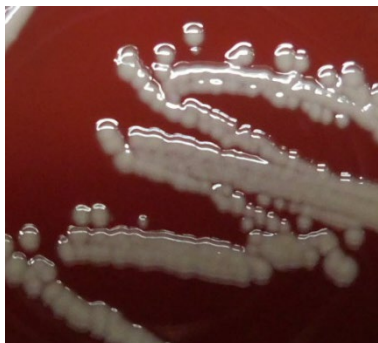
Lot: 70061793

Manufacturing Date: 12JUL2023

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology 3 days at 30°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood Colony morphology 3 days at 30°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood Motility (wet mount)	Gram-positive rods Report results Report results	Gram-positive rods Circular, slight peaked, entire, smooth and cream (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 800 base pairs)	≥ 99% sequence identity to <i>Paenisporsarcina</i> sp., Strain HGH0030 (GenBank: AGEQ01000014.1)	100% sequence identity to <i>Paenisporsarcina</i> sp., Strain HGH0030 (GenBank: AGEQ01000014.1) ¹
Purity (post-freeze) 7 days at 37°C in an aerobic atmosphere with 5% CO ₂ on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze) 3 days at 30°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood	Growth	Growth

¹Also consistent with other *Paenisporsarcina* and *Sporosarcina* species

Figure 1: Colony Morphology



Certificate of Analysis for HM-788

/Sonia Bjorum Brower/

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08 APR 2025

Technical Manager or designee, ATCC Federal Solutions

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