

Propionibacterium sp., Oral Taxon 192, Strain F0372

Catalog No. HM-843

Product Description: *Propionibacterium* sp., Oral Taxon 192, strain F0372 is an oral isolate obtained from a human in USA.

Lot^{1,2}: 70012260

Manufacturing Date: 20MAR2018

| TEST | SPECIFICATIONS | RESULTS |
|---|---|--|
| Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount) | Gram-positive rods Report results Report results | Gram-positive rods Circular, low convex, entire, smooth and cream (Figure 1) Non-motile |
| Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1400 base pairs) | ≥ 99% sequence identity to <i>Propionibacterium</i> sp., Oral Taxon 192, strain F0372 (GenBank: ATFL01000015.1) | 100% sequence identity to <i>Propionibacterium</i> sp., Oral Taxon 192, strain F0372 (GenBank: ATFL01000015.1) |
| Purity (post-freeze) Anaerobic growth ⁴ Aerobic growth ⁵ | Consistent with expected colony morphology Consistent with expected colony morphology | Consistent with expected colony morphology Consistent with expected colony morphology |
| 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.

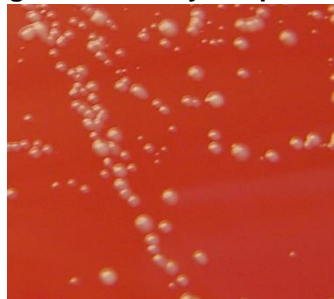
²*Propionibacterium* sp., Oral Taxon 192, strain F0372 was deposited by Jacques Izard, Assistant Member of the Staff, Department of Molecular Genetics, The Forsyth Institute, Cambridge, Massachusetts, USA. HM-843 was produced by inoculation of the deposited material into Tryptic Soy Yeast Extract broth, and grown for 4 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). The material from the initial growth was passaged in Tryptic Soy Yeast Extract broth for 4 days at 37°C in an anaerobic atmosphere to produce this lot.

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

⁴Purity of this lot was assessed for 8 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood.

⁵Purity of this lot was assessed for 8 days at 37°C in an aerobic atmosphere with 5% CO₂ on Tryptic Soy agar with 5% defibrinated sheep blood.

Figure 1: Colony Morphology



/Heather Couch/

Heather Couch

27 JUL 2018

Program Manager or designee, ATCC Federal Solutions

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