

***Oscillibacter* sp., Strain KLE 1745**

Catalog No. HM-1031

Product Description: *Oscillibacter* sp., Strain KLE 1745 was isolated on April 28, 2012, from a human fecal sample from an anonymous healthy male donor in Boston, Massachusetts, USA.

Lot^{1,2}: 64447385

Manufacturing Date: 12AUG2016

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet-mount)	Report results Report results Report results	Gram-negative rods Punctiform and gray (Figure 1) Motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1480 base pairs)	≥ 99% sequence identity to <i>Oscillibacter</i> sp., strain. KLE 1745 (GenBank: AWWO01000035)	≥ 99% sequence identity to <i>Oscillibacter</i> sp., strain. KLE 1745 (GenBank: AWWO01000035)
Purity (post-freeze) Anaerobic growth ⁴ Aerobic growth ⁵	Consistent with expected colony morphology Report results	Consistent with expected colony morphology 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.

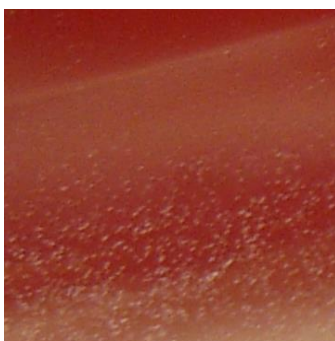
²*Oscillibacter* sp., strain KLE 1745 was deposited by Kim Lewis, Ph.D., Professor, Department of Biology, Northeastern University, Boston, Massachusetts, USA. HM-1031 was produced by inoculation of the deposited material into Modified Reinforced Clostridial broth and incubated for 2 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). The initial growth material was passaged once in Modified Reinforced Clostridial broth for 2 days at 37°C in an anaerobic atmosphere to produce this lot.

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

⁵Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO₂ on Tryptic Soy agar with 5% defibrinated sheep blood.

Figure 1: Colony Morphology



Certificate of Analysis for HM-1031

Date: 06 OCT 2016

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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