

Oscillibacter sp., Strain KLE-1728

Catalog No. HM-1030

Product Description: *Oscillibacter* sp., strain KLE-1728 was isolated on March 20, 2012, from a human fecal sample from an anonymous healthy male donor in Boston, Massachusetts, USA.

Lot^{1,2}: 64447384

Manufacturing Date: 12AUG2016

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ^{3,4} Motility (wet-mount)	Gram-negative rods Report results Report results	Gram-negative rods Spreading film Motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1470 base pairs)	≥ 99% sequence identity to <i>Oscillibacter</i> sp., strain KLE-1728 (GenBank: AWWN01000059)	100% sequence identity to <i>Oscillibacter</i> sp., strain KLE-1728 (GenBank: AWWN01000059)
Purity (post-freeze) Anaerobic growth ⁵ Aerobic growth ⁶	Consistent with expected colony morphology No growth	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-1728 was deposited by Kim Lewis, Department of Biology, Northeastern University, Boston, Massachusetts, USA. HM-1030 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

⁴Increased incubation time resulted in the appearance of 2 colony types: Colony type 1 is circular, flat, entire and translucent and colony type 2 is pinpoint and translucent. The 16S ribosomal RNA gene of each colony type was sequenced and found have 99.9% sequence identity to the other colony type and 100% sequence identity to *Oscillibacter* sp., strain KLE-1728 (GenBank: AWWN01000059).

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

⁶Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood.

Date: 09 DEC 2016

Signature:



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