

***Clostridium clostridioforme*, Strain WAL-7855**

Catalog No. HM-317

Product Description:

Clostridium clostridioforme (*C. clostridioforme*), strain WAL-7855 was isolated from the appendix of an adult male with appendicitis in Ontario, Canada. HM-317 was produced by the inoculation of BEI Resources seed lot 60125293 into Reinforced Clostridial broth and incubated for 3 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). The material from the initial growth was passaged once in Reinforced Clostridial broth for 1 day at 37°C in an anaerobic atmosphere to produce this lot.

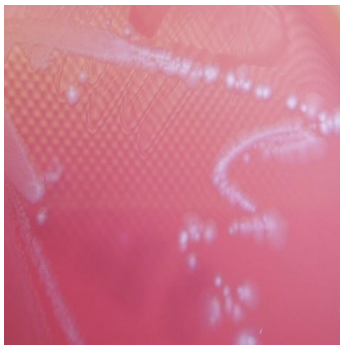
Note: Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

Lot: 70043162

Manufacturing Date: 13APR2021

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology 3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood Colony morphology 3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood Motility (wet mount)	Gram-variable rods Report results Report results	Gram-variable rods Irregular, low convex, entire, opaque and white (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1460 base pairs)	≥ 99% sequence identity to <i>C. clostridioforme</i> , Strain WAL-7855 (GenBank: ADLM01000123.1)	99.9% sequence identity to <i>C. clostridioforme</i> , Strain WAL-7855 (GenBank: ADLM01000123.1)
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 No growth	Growth consistent with expected colony morphology No growth
Viability (post-freeze) 3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood	Growth	Growth

Figure 1: Colony Morphology



/Heather Couch/
Heather Couch

Program Manager or designee, ATCC Federal Solutions

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