

***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.

Lot^{1,2}: 60125294

Manufacturing Date: 25JUL2011

| TEST | SPECIFICATIONS | RESULTS |
|--|--|---|
| Phenotypic Analysis Cellular morphology ³ Colony morphology ⁴ | Report results Report results | Gram-variable rod Irregular, low convex and opaque (Figure 1) |
| Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1360 base pairs) | ≥ 99% identical to depositor's sequence Consistent with <i>C. clostridioforme</i> | Pending Consistent with <i>C. clostridioforme</i> ⁵ |
| Viability (post-freeze)⁴ | 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.

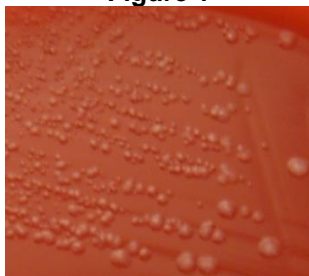
²*C. clostridioforme*, strain WAL-7855 was deposited by Emma Allen-Vercoe, Department of Molecular and Cellular Biology, University of Guelph, Guelph, Ontario, Canada. The deposited material was inoculated into Reinforced Clostridial Broth (ATCC medium 1053) and incubated for 96 hours at 37°C and anaerobic atmosphere (80% N₂:10% CO₂:10% H₂). The material from the initial growth was passaged once in Reinforced Clostridial Broth for 72 hours at 37°C and anaerobic atmosphere to produce this lot.

³In Clostridial cultures, a decrease in peptidoglycan thickness occurs during growth, thus aged cultures may stain Gram-negative or Gram-variable (Beveridge, T. J. "Mechanism of Gram Variability in Select Bacteria." *J. Bacteriol.* 172 (1990): 1609-1620. PubMed: 1689718).

⁴72 hours at 37°C and anaerobic atmosphere on Tryptic Soy Agar with 5% defibrinated sheep blood

⁵Also consistent with other *Clostridium* species

Figure 1



Date: 24 OCT 2011

Signature:

Title: Technical Manager, BEI Authentication or designee

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