b|e|i RESOURCES

SUPPORTING INFECTIOUS DISEASE RESEARCH

Certificate of Analysis for HM-369

Eubacterium infirmum, Strain F0142

Catalog No. HM-369

Product Description: *Eubacterium infirmum* (*E. infirmum*), strain F0142 was isolated in August 1982 from the subgingival dental plaque of a 23-year-old black female patient with periodontitis.

Lot[1,2]: 70008332 **Manufacturing Date: 25AUG2017**

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-positive rods	Gram-positive rods
Colony morphology[3]	Report results	Punctiform (Figure 1)
Motility (wet mount)	Report results	Non-motile
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (~ 750 base pairs)	≥ 99% sequence identity to *E. infirmum*, strain F0142 (GenBank: AGWI01000033.1)	100% sequence identity to *E. infirmum*, strain F0142 (GenBank: AGWI01000033.1)
Purity (post-freeze)		
Anaerobic growth[4]	Consistent with expected colony morphology	Consistent with expected colony morphology
Aerobic growth[5]	No growth	No growth
Viability (post-freeze)[3]	Growth	Growth

[1]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.

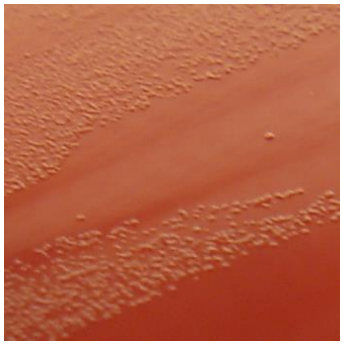
[2]*E. infirmum*, strain F0142 was deposited by Jacques Izard, Assistant Member of the Staff, Department of Molecular Genetics, The Forsyth Institute, Boston, Massachusetts, USA. HM-369 lot 70008332 was produced by inoculation of BEI Resources HMS-369 lot 60609367 into Modified Reinforced Clostridial broth, which was used to inoculate Tryptic Soy agar with 5% defibrinated sheep blood plates and both were grown for 4 days at 37°C in an anaerobic atmosphere (< 5% O_2; Remel™ Pack-Anaero™). Colonies from the plate were scraped into the broth and the combined growth was used to inoculate Modified Reinforced Clostridial broth and Tryptic Soy agar with 5% defibrinated sheep blood. Both broth and agar were grown for 3 days at 37°C in an anaerobic atmosphere and pooled in fresh Modified Reinforced Clostridial broth to produce this lot

[3]3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

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

[5]Purity of this lot was assessed for 8 days at 37°C in an aerobic atmosphere with 5% CO_2 on Tryptic Soy agar with 5% defibrinated sheep blood.

Figure 1: Colony Morphology



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Date: 05 DEC 2017 **Signature:**

BEI Resources Authentication

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