

***Fusobacterium ulcerans*, Strain AC2_8_11 AN FAA D5 7 (Deposited as *Fusobacterium* sp., Strain AC2_8_11 AN FAA D5 7)**

Catalog No. HM-1194

Product Description:

Fusobacterium ulcerans, strain AC2_8_11 AN FAA D5 7 was isolated from human stool in Guelph, Ontario, Canada. HM-1194 was produced by inoculation of BEI Resources seed lot 63978618 into Modified Chopped Meat broth and grown for 1 day at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles, which were grown for 1 day at 37°C in an anaerobic atmosphere to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

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.

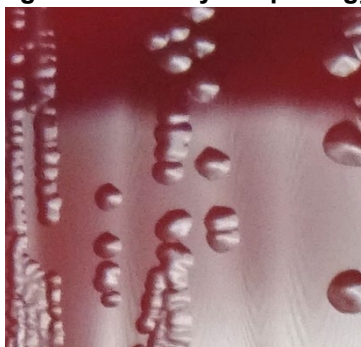
Lot: 70071500

Manufacturing Date: 27SEP2024

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount)	Gram-negative rods Report results Report results	Gram-negative rods Circular, slight peaked, entire, smooth and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1390 base pairs)	≥ 99% sequence identity to <i>F. ulcerans</i> , strain SB070 (GenBank: CP096642.1)	99.8% % sequence identity to <i>F. ulcerans</i> , strain SB070 (GenBank: CP096642.1) 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 Growth consistent with expected colony morphology or no growth	Growth consistent with expected colony morphology No growth
Viability (post-freeze)	Growth	Growth

¹Also consistent with other *Fusobacterium* species

Figure 1: Colony Morphology



Certificate of Analysis for HM-1194**/Sonia Bjorum Brower/****Sonia Bjorum Brower****18 DEC 2024**

Technical Manager or designee, ATCC Federal Solutions

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