

Campylobacter coli, Strain JV20

Catalog No. HM-296

Product Description:

Campylobacter coli (*C. coli*), strain JV20 was isolated from a human gastrointestinal tract. HM-296 was produced by the inoculation of BEI Resources seed lot 61016483 into Brucella broth and incubated for 2 days at 37°C in a microaerophilic atmosphere. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles, which were grown for 2 days at 37°C in a microaerophilic 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.

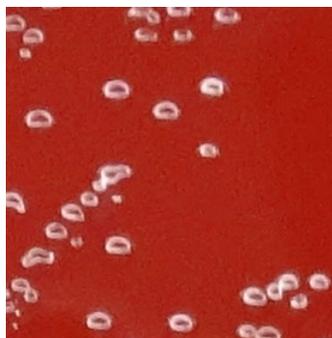
Lot: 70058046

Manufacturing Date: 27JAN2023

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount)	Gram-negative rods Report results Report results	Gram-negative rods Circular, low convex, entire, smooth and gray (Figure 1) Motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1400 base pairs)	≥ 99% sequence identity to <i>C. coli</i> , Strain JV20 (GenBank: AEER01000028.1)	100% sequence identity to <i>C. coli</i> , Strain JV20 (GenBank: AEER01000028.1) ¹
Purity (post-freeze) Microaerophilic 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 Report results	Growth consistent with expected colony morphology Growth consistent with expected colony morphology
Viability (post-freeze)	Growth	Growth

¹ Also consistent with other *Campylobacter* species.

Figure 1: Colony Morphology



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27 JUN 2023

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