

***Campylobacter coli*, Strain JV20**

Catalog No. HM-296

Product Description: *Campylobacter coli* (*C. coli*), strain JV20 was isolated from a human gastrointestinal tract.

Lot^{1,2}: 70010882

Manufacturing Date: 30NOV2017

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility	Gram-negative rods Report results Report results	Gram-negative rods Circular, convex, entire, smooth and white (Figure 1) Motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 760 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) ⁴
Purity (post-freeze) Aerobic growth ⁵ Aerobic growth with 5% CO ₂ ⁶	Growth consistent with expected colony morphology Growth consistent with expected colony morphology	Growth consistent with expected colony morphology Growth consistent with expected colony morphology
Viability (post-freeze)³	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. coli*, strain JV20 was deposited by James Versalovic, M.D., Ph.D., Department of Pathology, Baylor College of Medicine, Houston, Texas, USA. HM-296 lot 70010882 was produced by the inoculation of BEI Resources HMS-296 lot 61016483 into Brucella broth and incubated for 2 days at 37°C in a microaerophilic atmosphere (3–5% O₂ and 5% CO₂). The material from the initial growth was used to inoculate Tryptic Soy agar with 5% defibrinated sheep blood kolles for 1 day at 37°C in a microaerophilic atmosphere to produce this lot.

³2 days at 37°C in a microaerophilic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

⁴Also consistent with other *Campylobacter* species

⁵Purity of this lot was assessed for 7 days at 37°C in a microaerophilic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood.

⁶Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO₂ on Tryptic Soy agar with 5% defibrinated sheep blood.

Figure 1: Colony Morphology



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Program Manager or designee, ATCC Federal Solutions

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