

***Campylobacter upsaliensis*, Strain JV21**

Catalog No. HM-297

Product Description:

Campylobacter upsaliensis (*C. upsaliensis*), strain JV21 was isolated from a human gastrointestinal tract. HM-297 was produced by inoculation of the BEI Resources seed lot 60609338 into Brucella broth and grown for 3 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.

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: 70036697

Manufacturing Date: 17JUN2020

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology 3 days at 37°C in a microaerophilic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood 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 (~ 1410 base pairs)	≥ 99% sequence identity to <i>C. upsaliensis</i> , strain JV21 (GenBank: AEP01000040.1)	100% sequence identity to <i>C. upsaliensis</i> , strain JV21 (GenBank: AEP01000040.1)
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) 3 days at 37°C in a microaerophilic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood	Growth	Growth

Figure 1: Colony Morphology



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