

Campylobacter jejuni, Strain INP21

Catalog No. NR-403

(Derived from ATCC® BAA-530™)

Product Description: *Campylobacter jejuni* (*C. jejuni*), strain INP21 was originally isolated by Irving Nachamkin and Patricia Arzate in 1997 from a patient with Guillain-Barré syndrome at the National Institute of Pediatrics in Mexico City, Mexico.

Lot¹: 7642596

Manufacturing Date: 16NOV2006

| TEST | SPECIFICATIONS | RESULTS |
|---|--|---|
| Phenotypic Analysis² Cellular morphology Colony morphology ³ Biochemical tests Oxidase Catalase Urease Nitrate reduction H ₂ S production Hippurate hydrolysis Antibiotic susceptibility Nalidixic acid Cephalothin Viability (25°C, 5 days) Viability (42°C, 5 days) FAME | Gram-negative rod Report results Positive Positive Negative Positive Negative Positive Sensitive ⁴ Resistant No growth Growth Consistent with <i>Campylobacter jejuni</i> | Gram-negative rod Circular, low convex, glistening Positive Positive Negative Positive Negative Positive Sensitive Resistant No growth Growth Consistent with <i>Campylobacter jejuni</i> |
| Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1190 base pairs) | Consistent with <i>Campylobacter jejuni</i> | Consistent with <i>Campylobacter jejuni</i> ⁵ |
| Viability (post-vialing)³ | Growth | Growth |

¹NR-403 was produced by inoculation of ATCC® BAA-530™ (Lot 2722121) into Brucella broth on Tryptic Soy agar with 5% defibrinated sheep blood kolles and incubated for 1 day at 37°C in a microaerophilic (3–5% O₂ and 5% CO₂) atmosphere.

²Hunt, J. M., C. Abeyta, and T. Tran. Bacteriological Analytical Manual, 8th Edition, Revision A. U.S. Food and Drug Administration 1998. 26-04-2007 <<http://www.cfsan.fda.gov/~ebam/bam-7.html>>.

³2 days at 37°C in a microaerophilic (3–5% O₂ and 5% CO₂) atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood.

⁴Nalidixic acid-resistant *C. jejuni* have been reported.

⁵Also consistent with *Campylobacter coli*.

Date: 22 MAR 2017

Signature:

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