

Campylobacter jejuni subsp. *jejuni*, Strain D3071

Catalog No. NR-399

(Derived from ATCC® BAA-221™)

Product Description: *Campylobacter jejuni* is a Gram-negative, slender, curved, motile rod commonly found in animal feces. It is a microaerophilic organism that is very sensitive to environmental stresses.

Lot¹: 7642592

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, entire, 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 (~ 1390 base pairs)	Consistent with <i>Campylobacter jejuni</i>	Consistent with <i>Campylobacter jejuni</i> ⁵
Viability (post-vialing)³	Growth	Growth

¹NR-399 was produced by inoculation of ATCC® BAA-221™ (Lot 2028441) into Brucella Broth (BD 211088) on Tryptic Soy Agar (BD 236950) with 5% defibrinated sheep blood Kolle and incubated for 24 hours 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>>.

³24 hours at 37°C in a microaerophilic (3–5% O₂ and 5% CO₂) atmosphere on Tryptic Soy Agar (BD 236950) with 5% defibrinated sheep blood.

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

⁵Also consistent with *Campylobacter coli*.

Date: 17 SEP 2007

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

Biodefense and Emerging Infections Research Resources Repository

P.O. Box 4137

Manassas, VA 20108-4137 USA

www.beiresources.org

800-359-7370

Fax: 703-365-2898

E-mail: contact@beiresources.org