

Campylobacter jejuni, Strain UA466

Catalog No. NR-4085

(Derived from ATCC® 43503™)

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: 7731423

Manufacturing Date: 19JAN2007

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, convex, entire, opaque, 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 (~ 1345 base pairs)	Consistent with <i>Campylobacter jejuni</i>	Consistent with <i>Campylobacter jejuni</i> ⁵
Viability (post-vialing)³	Growth	Growth

¹NR-4085 was produced by inoculation of ATCC® 43503™ (Lot 1493905) 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: 18 SEP 2007

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

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