



# ***Campylobacter jejuni*** **subsp. *jejuni* (Jones et al.) Steele and Owen**

**33560™**

## **Description**

*Campylobacter jejuni* subsp. *jejuni* strain CIP 702 is a whole-genome sequenced bacterial type strain that was isolated from bovine feces. This bacterial strain can be used in enteric and emerging infectious disease research.

**Strain designation:** CIP 702

**Type strain:** Yes

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## **Storage Conditions**

**Product format:** Frozen

**Storage conditions:** -80°C or colder

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## **Intended Use**

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

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## **BSL 2**

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local

# *Campylobacter jejuni* subsp. *jejuni* (Jones et al.) Steele and Owen

33560

or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Growth Conditions

### Medium:

ATCC Medium 1115: Brucella albimi broth

ATCC Medium 177: Fluid thioglycollate medium

ATCC Medium 260: Trypticase soy agar/broth with defibrinated sheep blood

**Temperature:** 37°C

**Atmosphere:** Microaerophilic

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## Handling Procedures

1. Open thawed vial.
2. Aseptically transfer the entire contents to a 5-6 mL tube of #1115 or 177

## ***Campylobacter jejuni* subsp. *jejuni* (Jones et al.) Steele and Owen**

33560

broth. Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary broth tubes.

3. Use several drops of the primary broth tube to inoculate a #260 plate and/or #260 agar slant.
4. Or, to obtain a biphasic culture, add several drops of the primary broth tube to a #260 agar slant. Best practice is to incubate these slants at an angle.
5. Incubate at 37°C under microaerophilic conditions for 24 to 48 hours. Use an anaerobe jar with an active catalyst and a microaerophilic gas generator pack or other acceptable method. All tubes and slants should be incubated with caps loosened.

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### **Notes**

Fluid Thioglycollate tube may be incubated aerobically.

This culture grows best under biphasic conditions using an anaerobe jar with a microaerophilic gas generator pack.

Purified genomic DNA of this strain is available (ATCC 33560D-5).

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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### **Material Citation**

If use of this material results in a scientific publication, please cite the material in the following manner: *Campylobacter jejuni* subsp. *jejuni* (Jones et al.) Steele and Owen (ATCC 33560)

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### **References**

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

## ***Campylobacter jejuni* subsp. *jejuni* (Jones et al.) Steele and Owen**

33560

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## ***Campylobacter jejuni* subsp. *jejuni* (Jones et al.) Steele and Owen**

33560

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