



Product Sheet

# *Campylobacter coli* (ATCC® 43478™)

Please read this **FIRST**



Storage Temp.  
**Frozen: -80°C or colder**  
**Freeze-Dried: 2°C to 8°C**  
**Live Culture: See Propagation Section**

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Biosafety Level  
**2**

## Intended Use

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

## Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Campylobacter coli* (ATCC® 43478™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

## Description

**Designation:** 76-GA2 [LMG 21266]

**Deposited Name:** *Campylobacter coli* (Doyle) Veron and Chatelain

**Antigenic Properties:** Serotype O:28

**Product Description:** Bacterial strain used in media testing

## Propagation

### Medium

ATCC® Medium 1115: Brucella albimi broth

ATCC® Medium 177: Fluid thioglycollate medium

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

### Growth Conditions

**Temperature:** 37°C

**Atmosphere:** Microaerophilic 3-5% O<sub>2</sub> - 10% CO<sub>2</sub>

### Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of #1115 broth (5 to 6 mL), withdraw approximately 0.5 to 1.0 mL with a Pasteur or 1.0 mL pipette. Rehydrate the entire pellet.
3. Aseptically transfer this aliquot back into the broth tube. Mix well.
4. Use several drops of the suspension to inoculate a #260 plate. To obtain a biphasic culture, add 0.5 mL of the suspension to a #260 agar slant.
5. Incubate tubes and plate 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. Incubate tubes and plate at 37°C, under microaerophilic conditions, for 48-72 hours.

## Notes

A biphasic culture gives the most rapid growth.

Growth on agar takes longer than with the biphasic culture. Once good growth is present, these organisms tend to lose viability, especially if exposed to air for lengthy periods.

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

## References

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

## Biosafety Level: 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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Product Sheet

## *Campylobacter coli*

(ATCC® 43478™)

confirmed to be accurate.

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

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