



Product Sheet

Campylobacter coli (ATCC® 43135™)

Please read this **FIRST**



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® 43135™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Designation: BG192 [NADC 1442]

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

Propagation

Medium

ATCC® Medium 1423: Modified Brucella broth

Growth Conditions

Temperature: 37.0°C

Atmosphere: Microaerophilic

Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of #1423 or #1115 or #177 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 slant, and/or plate.
5. Incubate tubes and plate at 37°C, under microaerophilic conditions, for 48 hours. Use an anaerobe jar with an active catalyst and a *Campylobacter* microaerophilic gas generator pack, or other acceptable method. Incubate slant with cap loose.

Notes

Fluid Thioglycollate tube may be incubated aerobically.

This is a slower growing organism that requires moist conditions for best growth. To observe growth, examine a wet mount of the broth under phase microscopy. The organism is a small curved motile rod. Colonies are circular, entire, gray, and a raised center. Once good growth is present, these organisms tend to lose viability, especially if exposed to air for lengthy periods. The cells do not Gram stain well using traditional procedures. To obtain the best results, use a basic fuchsin counterstain in place of the safranin. Storage at liquid nitrogen temperatures, with 10% sterile glycerol as the cryoprotectant, is recommended for long-term preservation.

Additional information on this culture is available on the ATCC® web site at www.atcc.org.

References

References and other information relating to this product are available online at 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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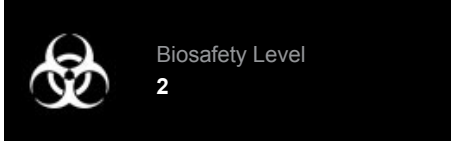
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Additional information on this culture is available on the ATCC web site at www.atcc.org.

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