



Product Sheet

Campylobacter curvus (ATCC® BAA-1459™)

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 curvus* (ATCC® BAA-1459™)

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: RM 4077 [525.92, cc8, NR-438]

Propagation

Medium

ATCC® Medium 1540: Brucella broth with formate and fumarate

ATCC® Medium 1645: Trypticase soy agar with 5% defibrinated sheep blood, formate and fumarate

Growth Conditions

Temperature: 37.0°C

Atmosphere: Anaerobic; 80% N₂-10% CO₂-10% H₂

Propagation Procedure

- Under anaerobic conditions, withdraw 0.5 ml of recommended broth from a single test tube (5 to 6 ml) and rehydrate the entire vial contents.
- Aseptically transfer this aliquot back into the broth tube. A slant and a pre-reduced blood plate may also be inoculated with 0.1 ml each of the cell suspension. An aerobic blood plate may also be streaked to check for purity.
- Incubate tubes and the #1645 plate under anaerobic conditions at 37°C for 7 to 10 days. Incubate the blood plate aerobically at 37°C.

ANAEROBIC CONDITIONS:

Anaerobic conditions for transfer may be obtained by either of the following:

- Use of an anaerobic gas chamber, or
- Placement of test tubes under a gassing cannula system hooked to anaerobic gas.

Anaerobic conditions for incubation may be obtained by any of the following:

- Loose screw caps on test tubes in anaerobic chamber
- Loose screw caps on test tubes in an activated anaerobic gas pack jar, or
- Use of sterile butyl rubber stoppers on test tubes so that an anaerobic gas headspace is retained.

Notes

Colonies on #1645 plates are small, entire, circular, smooth, convex, and translucent.

Cells occur as small, short, curved to longer spiral Gram negative rods.

To obtain the best results from a gram stain, use a basic fuchsin counterstain in place of the safranin.

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.

ATCC Warranty

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Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.



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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

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