



Product Sheet

Campylobacter concisus (ATCC® 43643™)

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 concisus* (ATCC® 43643™)

Description

Designation: FDC 569

Deposited Name: *Campylobacter concisus* Tanner et al.

Propagation

Medium

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

Growth Conditions

Temperature: 37.0°C

Atmosphere: Anaerobic

Propagation Procedure

1. Add formate/fumarate supplement to all media to be used, as described above.
2. Open vial according to enclosed instructions.
3. Withdraw 0.5 ml from a single tube of #1540 broth and rehydrate the pellet.
4. Aseptically transfer this aliquot back into the broth tube. An agar slant and /or plate of medium #1645 and additional broth tubes may be inoculated with 0.1 ml each of this suspension.
5. Incubate the broth tubes, slants, and plates at 37°C under anaerobic conditions. You may use an anaerobe jar with catalyst and gas generator pack or other suitable means of producing anaerobic conditions. Be sure caps are loosened to facilitate gas exchange.
6. Initially, 3 to 7 days of incubation are required before visible growth is evident. A slight turbidity is seen in the broth; and small, clear, circular, convex, entire, smooth colonies on agar. Cells are medium, curved to spiral, motile, Gram negative rods.

Notes

The cells do not Gram stain well using traditional procedures. For 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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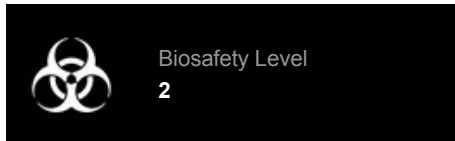
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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

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