



Campylobacter mucosalis **(Lawson et al.) Roop et al.**

43265™

Description

Strain designation: NCTC 11001 [307/72]

Deposited As: *Campylobacter sputorum* subsp. *mucosalis* (Lawson and Rowland) Lawson et al.

Type strain: No

Storage Conditions

Product format: Freeze-dried

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.

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 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.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Medium:

ATCC Medium 1539: Modified chopped meat medium (ATCC medium 1490) with formate and fumarate

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ATCC Medium 1540: Brucella broth with formate and fumarate

Temperature: 37°C

Atmosphere: Anaerobic

Handling Procedures

1. Add formate/fumarate supplement to all media to be used, as described above.

2. Open vial according to enclosed instructions.
3. Under anaerobic conditions, 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. Additional broth can be inoculated using 0.2 ml of this cell suspension per 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.
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. Incubate aerobic blood plate

aerobically at 37°C.
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 the anaerobic blood agar plates. No growth should be seen on the aerobic plate.

Notes

Always use freshly prepared pre-reduced media or pre-reduced media that has been previously prepared but stored under anaerobic conditions.

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

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Campylobacter mucosalis* (Lawson et al.) Roop et al. (ATCC 43265)

References

References and other information relating to this material are available at www.atcc.org.

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