

# **Campylobacter concisus**

## **Tanner et al.**

**BAA-1457<sup>TM</sup>**

### **Description**

Genome sequencing strain

**Strain designation:** RM 5485 [13826, NR-4382]

**Type strain:** No

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### **Storage Conditions**

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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### **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.

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### **BSL 2**

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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](http://www.atcc.org).

## Growth Conditions

**Medium:**

ATCC Medium 1540: Brucella broth with formate and fumarate

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

**Temperature:** 37°C

**Atmosphere:** Anaerobic

## Handling Procedures

1. Open vial according to enclosed instructions.
2. 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.
3. Aseptically transfer this aliquot back into the broth tube. A slant and a pre-

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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.

4. Incubate tubes and the #1645 plate under anaerobic conditions at 37°C for 5 to 7 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**

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.

This strain exhibits growth under microaerophilic conditions as well.

Purified genomic DNA of this strain is available as ATCC® BAA-1457D-5™.

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

**Material Citation**

If use of this material results in a scientific publication, please cite the material in the following manner: *Campylobacter concisus* Tanner et al. (ATCC BAA-1457)

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## References

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

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## Revision

This information on this document was last updated on 2025-09-29

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## Contact Information

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