ATCC

Product Sheet

Difficilibacter obesimuris (ATCC® BAA-2170™)

Please read this FIRST

Biosafety Level
1

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: *Difficilibacter obesimuris* (ATCC® BAA-2170™)

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: CT-m2

Propagation

Medium
ATCC® Medium 2713: Wilkins-Chalgren Anaerobe Medium

Growth Conditions
Temperature: 37°C
Atmosphere: Anaerobic; 100% N_2

Propagation Procedure
1. Open vial according to enclosed instructions. Pre-reduce #2713 broth with cysteine and dithiothreitol
2. Under anaerobic conditions, withdraw 0.5 ml of #2713 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. Additional #2713 broth tubes may be inoculated with 0.5 ml each. An aerobic agar blood plate may also be streaked to check for purity.
4. Incubate tubes and plates under 100% N_2 at 37°C. Incubate agar blood plate aerobically at 37°C.
5. Within 4 to 6 days, growth should be evident by faint turbidity in the broth. No growth should occur on the blood agar plate incubated aerobically.

Anaerobic conditions for transfer may be obtained by either of the following:
- Use of an anaerobic gas chamber;

Anaerobic conditions for incubation may be obtained by any of the following:
- Loosen screw-caps on test tubes in anaerobic chamber;
- Loosen screw-caps on test tubes in an activated anaerobic gas pack jar,
- Use of sterile butyl rubber stoppers on test tubes so that an anaerobic gas headspace is retained.

Notes

This strain produces only faint turbidity in broth, which is barely visible when the broth is held up to the light and swirled. It does not form colonies on agar plates.

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: 1

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

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

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

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This product is sent with the condition that you are responsible for its safe storage, handling, and use.

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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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