



Product Sheet

Difficilibacter obesimuris (ATCC® BAA-2170™)

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

Description

Designation: CT-m2

Propagation

Medium

ATCC® Medium 2713: Wilkins-Chalgren Anaerobe Medium

Growth Conditions

Temperature: 37°C

Atmosphere: Anaerobic; 100% N₂

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% N₂ 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.

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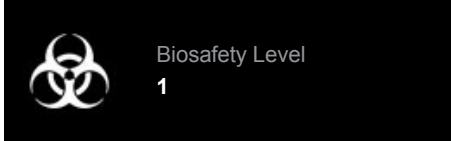
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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

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