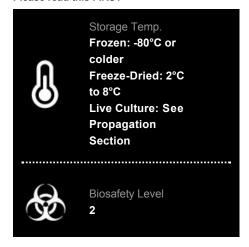


Product Sheet

Clostridium difficile (ATCC[®] BAA-1875™)

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: Clostridium difficile (ATCC® BAA-1875™)

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: 5325 Genotype: Toxinotype: V



Propagation

Medium

ATCC® Medium 2107: Modified Reinforced Clostridial Agar/Broth Medium (pre-reduced) ATCC® Medium 260: Trypticase soy agar/broth with defibrinated sheep blood

Growth Conditions Temperature: 37°C

Atmosphere: Anaerobic gas mixture, 80% N₂-10% CO₂-10% H₂

Propagation Procedure

- 1. Open vial according to enclosed instructions or visit www.atcc.org for instructions.
- 2. Under anaerobic conditions aseptically rehydrate the entire pellet with approximately 0.5 mL of #2107 broth. Aseptically transfer the entire contents to a 5-6 mL tube of #2107 broth. Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary broth tubes. Best practice dictates the use of pre-reduced media.
- 3. Use several drops of the primary broth tube to inoculate a #Brucella blood plate and/or #260 agar
- Incubate in an anaerobic atmosphere at 37°C for 24 to 48 hours. Incubate one agar plate aerobically at 37°C to check for contamination.

ANAEROBIC CONDITIONS:

Anaerobic conditions for transfer may be obtained by the use of an anaerobic gas chamber or placement of test tubes under a gassing cannula system connected to anaerobic gas.

Anaerobic conditions for incubation may be obtained by any of the following:

- · Loose screw caps on test tubes in an anaerobic chamber
- . Loose 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

Anaerobe Systems Brucella Blood Agar plates (AS-111 or AS-141) are recommended for analyzing colony morphology and purity. Colonies on PRAS Brucella blood agar are slightly irregular, entire, low convex, and gray. No growth should occur on agar plate incubated aerobically.

Presence of genes for Toxins A and B confirmed by PCR. Binary Toxin gene cdtB was amplified by PCR. 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.

ATCC Warranty

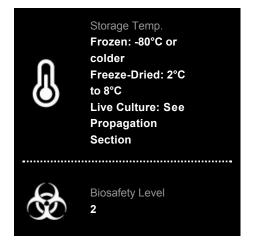
The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While 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.



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

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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

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

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