



Product Sheet

## ***Clostridium difficile*** **(ATCC® BAA-1804™)**

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### **Please read this FIRST**



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### **Intended Use**

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

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### **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-1804™)

**Genotype:** Toxinotype: 0

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### **Propagation**

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#### **Medium**

ATCC® Medium 2107: Modified Reinforced Clostridial Agar/Broth Medium (pre-reduced)

#### **Growth Conditions**

**Temperature:** 37°C

**Atmosphere:** Anaerobic

#### **Propagation Procedure**

1. Open vial according to enclosed instructions.
2. Under anaerobic conditions, withdraw 0.5 mL of #2107 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 tubes may be inoculated with 0.5 mL each from the suspension. A slant of #2107 may also be inoculated with 0.2 mL. Streak several blood plates to check for colonial morphology and purity.
4. Incubate tubes under an anaerobic atmosphere at 37°C. Incubate one agar plate anaerobically for colony formation, and one aerobically for aerobic contamination check.

#### **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 connected 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.

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### **Notes**

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In 48 hours, growth is evident by turbidity and colonies on the anaerobic agar surfaces. No growth should occur on agar plate incubated aerobically.

Colonies on #260 agar are nonhemolytic, translucent, circular, gray, and erose.

Presence of the genes for Toxins A and B confirmed by PCR.

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

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### **References**

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

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### **Biosafety Level: 2**

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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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### **ATCC Warranty**

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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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### **Disclaimers**

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

While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has

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Or contact your local distributor



Product Sheet

## ***Clostridium difficile*** **(ATCC® BAA-1804™)**

been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to insure authenticity and reliability of strains on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of cultures.

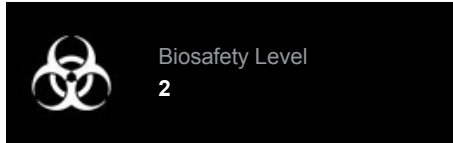
Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at [www.atcc.org](http://www.atcc.org)

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

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