



Product Sheet

Anaerobaculum

hydrogeniformans (ATCC®)

BAA-1850™

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: *Anaerobaculum hydrogeniformans* (ATCC® BAA-1850™)

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: OS1

Deposited Name: *Anaerobaculum hydrogeniformans*

Propagation

Growth Conditions

Temperature: 55°C

Atmosphere: Anaerobic; 100% N₂

Propagation Procedure

1. Sterilize the top of the Balch tube (see A) by spraying it with 70% ethanol and then flaming the top.
2. Exchange the gas in the test tube for 100% N₂; do not over pressurize.
3. Prepare tubes for inoculation: If the medium is pink (see B), add 0.1 ml of reducing agent (5% Co-enzyme M stock solution; see C) per each 5 to 10 ml of medium. Let the medium sit at room temperature for at least 2 hours, or until the resazurin becomes colorless, before inoculating.
4. Thaw the frozen vial under a gentle stream of anaerobic gas. Using an anaerobic (see D) 1.0 ml syringe tipped with 22-gauge needle, withdraw the cell suspension from the vial and transfer to the tube of ATCC #2731 medium. Transfer 0.5 ml of the inoculated culture to a second tube of ATCC® medium #2731. Plate 0.1 ml of the inoculated culture onto a non-selective medium and incubate the plate aerobically at 37°C. Incubate culture tubes at 55°C.
5. Growth should be detected in the broth within 1 to 2 days. No growth should be detected on the aerobic plate.

Notes

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

ATCC® products are warranted for 30 days from the date of shipment, and this warranty is valid only if the product is stored and handled according to the information included on this product information sheet. If the ATCC® product is a living cell or microorganism, ATCC lists the media formulation that has been found to be effective for this product. 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 product. 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. 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 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 materials on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of such materials.

Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this



Product Sheet

Anaerobaculum
hydrogeniformans (ATCC®)
BAA-1850™

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: *Anaerobaculum hydrogeniformans* (ATCC® BAA-1850™)

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.

© ATCC 2017. All rights reserved. ATCC is a registered trademark of the American Type Culture Collection. [04/12]

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