



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.

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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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