ATCC

Product Sheet

Thermoanaerobacter uzonensis (ATCC® BAA-1464™)

Please read this FIRST

Biosafety Level
1

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: *Thermoanaerobacter uzonensis* (ATCC® BAA-1464™)

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: JW/IW010

Propagation

Medium
ATCC® Medium 2682: Thermoanaerobacter uzonii Medium

Growth Conditions
Temperature: 60.0°C
Atmosphere: Anaerobic

Propagation Procedure

2. If needed, exchange the gas in the test tube for 80% N_2 20% CO_2 or 100% N_2.
3. If the medium is pink add 0.2 ml Co-enzyme M (5% stock solution) per 10 ml of medium. Let the medium sit at room temperature for 30 to 40 minutes until the medium becomes colorless before inoculating.
4. When the medium is ready to inoculate, open the vial according to enclosed instructions.
5. For inoculation, use an anaerobic 1.0 ml syringe (*see below*) tipped with 22 gauge needle. Withdraw 0.5 ml of #2682 broth and use this to rehydrate the entire freeze dried pellet. Immediately place the rehydrated vial under a stream of sterile oxygen-free gas.
6. Using the same syringe, transfer the rehydrated cell suspension back to the tube of #2682 broth. Plate 0.1 ml of the inoculated culture onto a non-selective medium and incubate aerobically at 30ºC. Use 0.1 ml of the inoculated culture to inoculate a nonselective aerobic broth. Transfer 0.5 ml of the culture to an additional tube of #2682 broth. Incubate the broth tubes at 60ºC.
7. Growth should be detected in the #2682 broth within 24 to 48 hours. There should be no growth detected on the aerobic plate or in the aerobic broth.

Notes

Cells are gram-negative motile rods that occur in pairs and chains. Minimal growth on ATCC® media #260 blood agar occurs with colonies being circular, transparent, convex and glistening.

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

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.

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.

Product Sheet

Thermoanaerobacter uzonensis (ATCC® BAA-1464™)

Please read this FIRST

Biosafety Level
1

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: *Thermoanaerobacter uzonensis* (ATCC® BAA-1464™)

ATCC is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to ensure 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

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

© ATCC 2013. All rights reserved. ATCC is a registered trademark of the American Type Culture Collection. [02/06]

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