ATCC

Product Sheet

Caldanaerobacter uzonensis (ATCC® BAA-1495™)

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: *Caldanaerobacter uzonensis* (ATCC® BAA-1495™)

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/HL-KA-09

Propagation

Medium
ATCC® Medium 2681: Caldanaerobacter uzonensis

Growth Conditions
Temperature: 60.0°C
Atmosphere: Anaerobic

Propagation Procedure
2. If needed, exchange the gas in the test tubes 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, thaw the frozen vial at room temperature under a gentle stream of oxygen-free gas.
5. For inoculation, use an anaerobic 1.0 ml syringe tipped with 22-gauge needle, withdraw the cell suspension from the vial and transfer it to the 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 #2681 broth. Incubate the broth tubes at 55-60ºC.
6. Growth should be detected in the #2681 broth within 2 to 3 days. There should be no growth detected on the aerobic plate or in the aerobic broth.

Notes

Cells are gram-negative motile rods that vary in length.

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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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

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