ATCC

Product Sheet

Thermoanaerobacter ethanolicus (ATCC® 31936™)

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 ethanolicus* (ATCC® 31936™)

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: JW200L-Large
Deposited Name: *Thermoanaerobacter ethanolicus* Wiegel and Ljungdahl

Propagation

Medium
ATCC® Medium 1190: Thermoanaerobacter ethanolicus medium

Growth Conditions
Temperature: 60.0°C
Atmosphere: Anaerobic

Propagation Procedure
1. Open vial according to enclosed instructions.
2. Under anaerobic conditions, withdraw approximately 0.5 to 1.0 ml of #1190 broth from a single test tube (5 to 6 ml) and use to rehydrate the entire pellet.
3. Aseptically transfer this aliquot back into the broth tube. Mix well.
4. Use several drops of the suspension to inoculate a #260 agar slant.
5. Incubate the tubes in an anaerobic atmosphere at 55-60°C for 24 hours.
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 hooked 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.
1. Open vial according to enclosed instructions.
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Notes

This strain exhibits biphasic growth. No growth occurs on solid media alone.
Additional information on this culture is available on the ATCC® web site at www.atcc.org.
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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

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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.

Disclaimers

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

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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.

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