



Product Sheet

# *Thermoanaerobacter ethanolicus* (ATCC® 31936™)

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: *Thermoanaerobacter ethanolicus* (ATCC® 31936™)

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Manassas, VA 20108 USA  
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Fax: 703.365.2750  
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## 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.

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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](http://www.atcc.org).

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## References

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## 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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Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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