



Product Sheet

Syntrophomonas wolfei (ATCC® BAA-1933™)

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: *Syntrophomonas wolfei* (ATCC® BAA-1933™)

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: LYB [OCM 65]

Propagation

Propagation Procedure

1. Sterilize the top of the Balch tube by spraying it with 70% ethanol and then flaming the top.
2. If needed, exchange the gas in the test tube for 80% N₂ - 20% CO₂
3. Add 0.1 ml of reducing agent (3% cysteine, stock solution) per each 10 ml of medium. When reducing media, also add the sterile additions before inoculating. Let the medium sit at room temperature for 30 minutes.
5. Transfer the entire contents of the vial to a tube of #2467 broth (10 ml).
6. Use several drops of the cell suspension to inoculate a second balch tube of #2467 and an aerobic blood agar plate to check for contamination.
7. Incubate the tubes and plate at 37°C for 20 to 25 days.

Notes

This culture has an extremely long incubation period. Initial growth can begin at 25 days, but to have a successful transfer into a fresh culture medium, it can take up to 40 days. This culture needs to be closely monitored. The density of this culture is low and turbidity occurs because of the crotonate solution in the medium. The crotonate solution needs to be between 10 mM to 20 mM; any less or more, and the culture will not grow. The cells are curved non-motile rods that occur in pairs.

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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