Designation: OxB [CIP 106513]
Deposited Name: Oxalobacter formigenes Allison et al.
Product Description: Type strain. Degrades oxalate.

Medium
ATCC® Medium 1352: Oxalate maintenance medium

Growth Conditions
Temperature: 37°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 #1352 from a single test tube (5 to 6 mL) with a Pasteur or 1.0 mL pipette. Rehydrate the entire pellet.
3. Aseptically transfer this aliquot back into the broth tube. Mix well. Additional tubes of broth may be inoculated with 0.5 mL each from the suspension. Incubate a blood plate for purity.
4. Incubate the tubes under anaerobic conditions at 37°C for 2 or 3 days. Incubate the purity plate aerobically at 37°C. Once growth is established, the culture should be transferred to fresh broth every 3-5 days.

ANAEROBIC CONDITIONS:
Anaerobic conditions for transfer may be obtained by either of the following:
- Use of an anaerobic gas chamber,
- Placement of test tubes under a gassing cannula system connected 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.

Always use freshly prepared pre-reduced media or pre-reduced media that has been previously prepared but stored under anaerobic conditions. Resazurin in the media is a color indicator for anaerobic conditions. Observation of pink color in medium before use or during incubation shows anaerobic conditions have not been met and oxidation has occurred. Medium should be discarded.

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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