



Product Sheet

Anoxystipes aquaeolei (ATCC® BAA-1880™)

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: *Anoxystipes aquaeolei* (ATCC® BAA-1880™)

Description

Designation: PEHA

Propagation

Medium

ATCC® Medium 18: Trypticase Soy Agar/Broth

Growth Conditions

Temperature:

Atmosphere: Anaerobic

Propagation Procedure

1. Sterilize the top of the Balch tube (see A) by spraying it with 70% ethanol and then flaming the top.
2. Exchange the gas in the test tube for 100% N₂; do not over pressurize.
3. Prepare tubes for inoculation: If there is any question about the medium being anaerobic (see B), add 0.1 ml of reducing agent (5% Co-enzyme M stock solution; see C) to each tube. Let the medium sit at room temperature for at least 2 hours before inoculating.
4. Immediately prior to working with the culture, place the frozen vial at room temperature to thaw under a gentle stream of anaerobic gas. Alternatively, place the vial in an anaerobic glove box while it thaws. Using an anaerobic 1.0 ml syringe (see D) tipped with a 22-gauge needle, withdraw the entire contents of the vial and transfer to a prepared tube of anaerobic #18 broth. Transfer 0.5 ml of the inoculated culture to a second tube of anaerobic #18 broth. Plate 0.1 ml of the inoculated culture onto a non-selective medium and incubate the plate aerobically at 37°C. Incubate culture tubes at 18-21°C.
5. Growth should be detected in the broth within 3 to 4 days. No growth should be detected on the aerobic plate.

Notes

No growth was detected on anaerobic TSA plates. Cells are polymorphic gram negative rods. This organism is very sensitive to oxygen, so the medium must be reduced prior to inoculation. This culture dies quickly upon storage at room temperature and should be transferred every day or every other day. Do not store more than one week at 4°C.

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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