



Product Sheet

Venenivibrio

stagnispumantis (ATCC®)

BAA-1398™)

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: *Venenivibrio stagnispumantis* (ATCC® BAA-1398™)

Description

Designation: CP.B2

Propagation

Medium

ATCC® Medium 2094: AN 1 medium
ATCC® Medium 2699: *Venenivibrio stagnispumantis* Medium
ATCC® Medium 2672: Modified Wolfe's Mineral Medium
ATCC® Medium 2672: Modified Wolfe's Mineral Medium

Growth Conditions

Atmosphere: Microaerophilic (optimum O₂ range: 4%-8%)
Temperature: 70.0°C

Propagation Procedure

2. If needed, exchange the gas in the test tube for 80% H₂ 15% CO₂ 5% O₂.
3. When the medium is ready to inoculate, thaw the frozen vial at room temperature.
4. For inoculation, use a 1.0 ml syringe tipped with 22-gauge needle, withdraw the cell suspension from the vial and transfer it to the broth. Plate 0.1 ml of the inoculated culture onto a non-selective medium and incubate aerobically at 37°C. Use 0.1 ml of the inoculated culture to inoculate a nonselective aerobic broth. Transfer 0.5 ml of the culture to an additional tube of #2699 or #2672 broth. Incubate the broth tubes at 65-70°C.
5. Growth should be detected in the #2672 broth within 24 to 48 hours. There should be no growth detected on the aerobic plate or in the aerobic broth.

Notes

Cells are curved, gram-negative motile rods. Optimal growth is 70°C but the growth range is 50-75°C. Optimal O₂ concentration is 5% but can tolerate lower amounts.

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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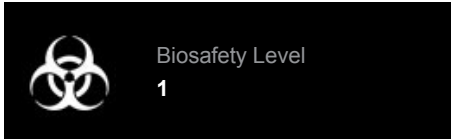
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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

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