



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 O<sub>2</sub> range: 4%-8%)  
**Temperature:** 70.0°C

#### Propagation Procedure

2. If needed, exchange the gas in the test tube for 80% H<sub>2</sub> 15% CO<sub>2</sub> 5% O<sub>2</sub>.
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 O<sub>2</sub> concentration is 5% but can tolerate lower amounts.

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

### References

References and other information relating to this product are available online at [www.atcc.org](http://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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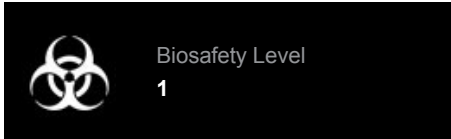
Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at [www.atcc.org](http://www.atcc.org)

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

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