



Product Sheet

# *Dehalococcoides sp.* (ATCC® BAA-2100™)

Please read this FIRST



Storage Temp.  
**Frozen: -80°C or colder**  
**Freeze-Dried: 2°C to 8°C**  
**Live Culture: See Propagation Section**

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Biosafety Level  
**1**

## 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: *Dehalococcoides sp.* (ATCC® BAA-2100™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

## Description

**Designation:** BAV1

**Deposited Name:** *Dehalococcoides sp.*

## Propagation

### Medium

ATCC® Medium 2760: MOPS Buffered Medium for *Dehalococcoides sp.*

### Growth Conditions

**Temperature:** 24°C to 30°C

**Atmosphere:** Anaerobic gas mixture, 90% N<sub>2</sub>-10% H<sub>2</sub> or 80% N<sub>2</sub>-10% CO<sub>2</sub>-10% H<sub>2</sub>

### Propagation Procedure

1. Twenty four hours prior to inoculation place all components in the anaerobic chamber.
2. Place the frozen vial in the anaerobic chamber and allow it to thaw. Using an anaerobic syringe transfer the entire contents of the vial into a single serum bottle.
3. Incubate the serum bottle at 30°C for 2-4 weeks.

## Notes

This culture is a strict anaerobe and all efforts should be made to maintain anaerobic conditions. It is strongly suggested that all transfers be performed in an anaerobic chamber (bug box). Growth can best be monitored using real time PCR; see attached protocol. Growth can also be monitored using a fluorescent DNA stain such as LIVE/DEAD BacLight or SYBR green.

This strain should be provided with a chloronated electron acceptor every 4-6 weeks and transferred every 3 months.

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