



Product Sheet

# *Vibrio harveyi* (ATCC®) BAA-2363™)

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: *Vibrio harveyi* (ATCC® BAA-2363™)

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:** KM413

**Genotype:** Depositor-provided information: luxS- luxM- luxA+

## Propagation

### Medium

ATCC® Medium 2: Marine agar 2216 or marine broth 2216

### Growth Conditions

**Temperature:** 30°C

**Atmosphere:** Aerobic

### Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of #2 broth (5 to 6 mL), withdraw approximately 0.5 to 1.0 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.
4. Use several drops of the suspension to inoculate a #2 agar slant and/or plate.
5. Incubate the tubes and plate at 30°C for 24 to 48 hours.

## Notes

Colonies on #2 agar are small, translucent, glistening, entire, circular, and smooth.

This strain is deficient at autoinducer production but proficient at bioluminescence when provided with exogenous autoinducers. When grown adjacent to *Vibrio harveyi* ATCC® 700401™ on Autoinducer Bioassay or similar medium, this strain will bioluminesce.

When using this strain in any bioluminescent assay, appropriate media should be used. Marine media contains boric acid and may cause otherwise bioluminescent-negative strains to luminesce, as boron is a key element in autoinducer-2.

## 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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the misidentification or misrepresentation of such materials.

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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