



Product Sheet

Vibrio harveyi (ATCC®) 14126™)

Please read this FIRST



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



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® 14126™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Designation: [NCMB 1280]

Deposited Name: *Photobacterium harveyi* (Johnson and Shunk) Breed and Lessel

Product Description: Type strain. Produces restriction endonuclease *VhaI*.

Propagation

Medium

ATCC® Medium 101: Photobacterium broth

Growth Conditions

Temperature: 26°C

Atmosphere: Aerobic

Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of #101 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 #101 agar slant and/or plate.
5. Incubate the tubes and plate at 26°C for 24 to 48 hours.

Notes

This strain will grow in #2 Marine Broth 2216 (BD 279110) and on #2 Marine Agar 2216 (BD 212185), but Photobacterium Medium is required for demonstrating luminescence.

To check for luminescence, inoculate a #101 slant, leaving cap loose. Incubate at optimal temperature until growth is observed. Then, hold in the dark for 10 minutes. If no luminescence is detected, reincubate and check again after 24 to 48 additional hours.

When maximum luminescence is obtained, close stopper tightly. Demonstration of luminescence requires that vial be rehydrated with #101 broth. Transfers from #101 broth to #2 broth may yield more growth.

Colonies on #101 agar are circular, entire, glistening, and smooth.

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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Additional information on this culture is available on the ATCC web site at www.atcc.org.

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