



Product Sheet

# *Aquaspirillum serpens* (ATCC® 12638™)

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: *Aquaspirillum serpens* (ATCC® 12638™)

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:** Giesberger  
**Deposited Name:** *Spirillum serpens* subsp. *serpens*  
**Product Description:** Type strain

## Propagation

**Medium**  
ATCC® Medium 3: Nutrient agar or nutrient broth

**Growth Conditions**  
**Temperature:** 26°C  
**Atmosphere:** Aerobic

## Propagation Procedure

1. Open thawed vial according to enclosed instructions or visit [www.atcc.org](http://www.atcc.org) for instructions.
2. Aseptically transfer the entire contents to a 5-6 mL tube of #3 broth or a small Erlenmeyer flask with 15 mL broth. Mix well.
3. Incubate at 26°C for 48 hours with gentle shaking.
4. A small tissue culture flask with a capacity of 5-12 mL may be used instead of shaking. Dispense rehydrated suspension into flask, add #3 broth to obtain approximately 12 mL. Incubate the flask laid down with the cap loose giving a large surface area of the broth exposed to air for good aerobic growth.
5. After growth has been achieved, use several drops of the suspension to inoculate a second tube of broth, a slant, and/or plate.

## Notes

Culture grows better in broth with aeration.  
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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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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