



Product Sheet

# *Aeropyrum pernix* (ATCC® 700893™)

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: *Aeropyrum pernix* (ATCC® 700893™)

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:** JCM 9820 [DSM 11879, K1, Nomura K1]  
**Deposited Name:** *Aeropyrum pernix* Sako et al.  
**Product Description:** Type strain. Genome sequenced strain.

## Propagation

### Medium

ATCC® Medium 2183: *Aeropyrum pernix* Medium

### Growth Conditions

**Temperature:** 90°C

**Atmosphere:** Aerobic

### Propagation Procedure

1. Open the frozen vial and aseptically transfer the entire contents into a single tube of #2183 broth containing 5 to 6 mL.
2. Use several drops of this suspension to inoculate a second tube of broth.
3. Incubate both tubes at 90°C for 24-48 hrs.

## Notes

*Aeropyrum pernix* is a motile, Gram negative, irregular cocci.  
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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