



# *Aeropyrum pernix* Sako et al.

700893™

## Description

Type strain. Genome sequenced strain.

**Strain designation:** JCM 9820 [DSM 11879, K1, Nomura K1]

**Deposited As:** *Aeropyrum pernix* Sako et al.

**Type strain:** Yes

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## Storage Conditions

**Product format:** Frozen

**Storage conditions:** -80°C or colder

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## Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

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## BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submerged in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submerged in liquid nitrogen.

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Growth Conditions

**Medium:**

ATCC Medium 2183: *Aeropyrum pernix* Medium

**Temperature:** 90°C

**Atmosphere:** Aerobic

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## Handling Procedures

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.
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## 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).

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Aeropyrum pernix* Sako et al. (ATCC 700893)

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## References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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## **Revision**

This information on this document was last updated on 2023-03-01

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