



Thermococcus kodakarensis corrig. Atomi et al.

BAA-918™

Description

Type strain. Hyperthermophilic archaeon.

Strain designation: KOD1 [JCM 12380]

Deposited As: *Thermococcus kodakaraensis*

Type strain: Yes

Storage Conditions

Product format: Frozen

Storage conditions: 2°C to 8°C

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.

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 submersed 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 submersed in liquid nitrogen.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Medium:

ATCC Medium 1942: JCM Medium 161

ATCC Medium 260: Trypticase soy agar/broth with defibrinated sheep blood

Temperature: 60-100°C

Atmosphere: 80% N₂, 20% CO₂

Handling Procedures

1. Open vial according to enclosed instructions or visit www.atcc.org for instructions.
2. Under anaerobic conditions aseptically rehydrate the entire pellet with approximately 0.5 mL of #1942 broth. Aseptically transfer the entire contents

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to a 5-6 mL tube of #1942 broth. Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary broth tubes. Best practice dictates the use of prereduced media.

3. Use several drops of the primary broth tube to inoculate a #260 plate.
4. Incubate in an anaerobic atmosphere at 60°C to 100°C for 72 hours. Incubate one agar plate aerobically at 37°C to check for contamination.

Notes

This organism does not grow well on agar. The #260 plate is to check for purity. Always use freshly prepared pre-reduced media or pre-reduced media that has been previously prepared but stored under anaerobic conditions. Additional information on this culture is available on the ATCC® web site at www.atcc.org.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Thermococcus kodakarensis* corrig. Atomi et al. (ATCC BAA-918)

References

References and other information relating to this material are available at www.atcc.org.

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