



Geobacter grbiciae Coates et al.

BAA-45™

Description

Strain designation: TACP-2

Deposited As: *Geobacter grbiciae* Coates et al.

Type strain: Yes

Storage Conditions

Product format: Frozen

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 2260: Freshwater medium for *Geobacter*

Temperature: 30°C

Atmosphere: 80% N₂, 20% CO₂

Handling Procedures

1. Open vial according to enclosed instructions.
2. Under anaerobic conditions, rehydrate the cell pellet with a small amount of #2260 broth. Transfer this aliquot back into the tube of broth.
3. Additional #2260 broth tubes can also be inoculated with 0.5 ml from the original broth.

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4. Incubate at 30°C for 3-5 days.
 5. Growth is evident by slight turbidity in the broth.
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Notes

This culture only grows in broth. Cells are Gram negative small rods.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Geobacter grbiciae* Coates et al. (ATCC BAA-45)

References

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

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Product Sheet

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Revision

This information on this document was last updated on 2021-05-19

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