



Product Sheet

# *Geobacter bemi*djiensis (ATCC® BAA-1014™)

Please read this **FIRST**



## 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: *Geobacter bemi*djiensis (ATCC® BAA-1014™)

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Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

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## Description

**Designation:** Bem [DSM 16622, JCM 12645]  
**Deposited Name:** *Geobacter bemi*djiensis Nevin et al.

## Propagation

### Medium

ATCC® Medium 1768: *Geobacter metallireducens* medium

### Growth Conditions

**Temperature:** 30°C

**Atmosphere:** Anaerobic; 80% N<sub>2</sub>-20% CO<sub>2</sub>

### Propagation Procedure

2. If needed exchange the gas in the test tube for 80% N<sub>2</sub>-20% CO<sub>2</sub>.
3. When the Balch tube is ready to inoculate, thaw the frozen vial at room temperature under a gentle stream of oxygen-free gas.
4. For inoculation, use an anaerobic (see c below) 1.0 ml syringe tipped with 22-gauge needle, withdraw the cell suspension from the vial and transfer it to the broth. Plate 0.1 ml of the inoculated culture onto a non-selective medium and incubate aerobically at 30°C. Use 0.1 ml of the inoculated culture to inoculate a nonselective aerobic broth and an additional tube of #1768 broth. Incubate the non-selective aerobic broth tubes at 30°C. Incubate the anaerobic tube at 30°C.
5. Growth should be detected in the #1768 broth within 5 to 7 days. There should be no growth detected on the aerobic plate or in the aerobic broth.

## 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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Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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