



Product Sheet

# *Pelobacter seleniigenes* (ATCC® BAA-1388™)

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: *Pelobacter seleniigenes* (ATCC® BAA-1388™)

## Description

**Designation:** KM

**Deposited Name:** *Pelobacter seleniigenes*

## Propagation

### Medium

ATCC® Medium 2677: *Pelobacter* Medium

### Growth Conditions

**Temperature:** 28.0°C

### Propagation Procedure

2. If needed, exchange the gas in the test tube for 80% N<sub>2</sub> 20% CO<sub>2</sub> or 100% N<sub>2</sub>.
3. If the medium is pink add 0.2 ml Co-enzyme M (5% stock solution) per 10 ml of medium. Let the medium sit at room temperature for 30 to 40 minutes until the medium becomes colorless before inoculating.
4. When the medium is ready to inoculate, thaw the frozen vial at room temperature under a gentle stream of oxygen-free gas.
5. For inoculation, use an anaerobic 1.0 ml syringe tipped with 22-gauge needle, and withdraw the entire cell suspension from the vial. Transfer it to a broth tube. 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. Transfer 0.5 ml of the culture to an additional tube of modified #2677 broth. Incubate the broth tubes at 28°C.
6. Growth should be detected in the modified #2677 broth within 4 to 7 days. There should be no growth detected on the aerobic plate or in the aerobic broth.

## Notes

Cells are gram-negative motile rods. Some growth can be obtained anaerobically on ATCC® #260 Blood plates. The colonies are circular, entire, glistening, and convex with a slight orange pigmentation. You can substitute Pyruvate for Lactate.

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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## Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

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Product Sheet

## ***Pelobacter seleniigenes*** **(ATCC® BAA-1388™)**

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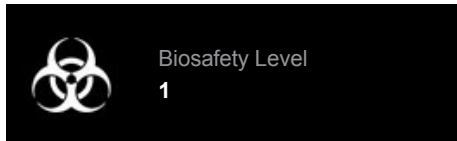
*Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at [www.atcc.org](http://www.atcc.org)*

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

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