



Product Sheet

# *Desulfohalobium elongatus* (ATCC® 43118™)

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: *Desulfohalobium elongatus* (ATCC® 43118™)

## Description

**Designation:** FP [DSM 2908]

**Deposited Name:** *Desulfohalobium elongatus* Samain et al.

## Propagation

### Medium

ATCC® Medium 1555: *Desulfohalobium* medium

### Growth Conditions

**Temperature:** 37.0°C

**Atmosphere:** Anaerobic

### Propagation Procedure

1. Open the vial according to enclosed instructions.
2. Perform all steps under anaerobic conditions.
3. Aseptically transfer 0.5 ml of #1555 broth to the vial and rehydrate the entire pellet. Transfer the suspension back into the broth tube. Inoculate a plate of a non-selective medium such as Trypticase Soy, Nutrient, or Blood agar with 0.1 ml of the cell suspension.
4. Seal the tube with a rubber stopper and incubate anaerobically at 37°C. Incubate the plate(s) aerobically as a contamination check.
5. Once growth is achieved, transfer the culture to fresh tubes of #1555 broth.

### ANAEROBIC CONDITIONS:

Anaerobic conditions for transfer may be obtained by either of the following:

- Use of an anaerobic gas chamber, or
  - Placement of test tubes under a gassing cannula system connected to anaerobic gas or
  - Exchanging the headspace in stoppered culture tubes for the appropriate anaerobic gas
- Anaerobic conditions for incubation may be obtained by any of the following:
- Loose screwcaps on test tubes in anaerobic chamber,
  - Loose screwcaps on test tubes in an activated anaerobic Gas Pak jar, or
  - Use of sterile butyl rubber stoppers on test tubes so that an anaerobic gas headspace is retained.

## Notes

Always use freshly prepared anaerobic media.

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. While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet,

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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)

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