



Product Sheet

# *Arcobacter cryaerophilus* (ATCC® 43157™)

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: *Arcobacter cryaerophilus* (ATCC® 43157™)

## Description

**Designation:** S 568/E [02790]

**Deposited Name:** *Campylobacter cryaerophila* Neill et al.

## Propagation

### Medium

ATCC® Medium 1115: Brucella albimi broth

ATCC® Medium 177: Fluid thioglycollate medium

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

### Growth Conditions

**Temperature:** 30.0°C

**Atmosphere:** Microaerophilic

### Propagation Procedure

1. Open vial according to enclosed instructions.
2. **Using a single tube of #1115 or #177 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or 1.0 ml pipette. Rehydrate the entire pellet.**
3. **Aseptically transfer this aliquot back into the broth tube. Mix well.**
4. **Use several drops of the suspension to inoculate a #260 agar slant and/or plate.**
5. Incubate the tubes and plate at 30°C for 24-48 hours under microaerophilic conditions. Use an anaerobe jar with an active catalyst and a microaerophilic gas generator pack, or other acceptable method. Loosen the screw caps during an incubator period.

## Notes

Colonies on #260 agar plates are small, entire, glistening, circular, smooth, and slightly raised.

Fluid Thioglycollate tube may be incubated aerobically.

Storage at liquid nitrogen temperature, with 10% sterile glycerol as the cryoprotectant, is recommended for long term preservation.

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: 2

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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