



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.

References

References and other information relating to this product are available online at 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.

ATCC Warranty

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