ATCC

Product Sheet

Campylobacter jejuni subsp. jejuni (ATCC® 33291™)

Please read this FIRST

Storage Temp.
Frozen: -80°C or colder
Freeze-Dried: 2°C to 8°C
Live Culture: See Propagation Section

Biosafety Level
2

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: *Campylobacter jejuni subsp. jejuni* (ATCC® 33291™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Designation: AS-83-79
Deposited Name: *Campylobacter fetus* subsp. *jejuni* Smibert
Product Description: Used in media testing.

Propagation

Medium
ATCC® Medium 1115: Brucella albimi broth
ATCC® Medium 260: Trypticase soy agar/broth with defibrinated sheep blood

Growth Conditions
Temperature: 37°C
Atmosphere: Microaerophilic, 3-5% O_2-10% CO_2

Propagation Procedure

1. Open vial according to enclosed instructions or visit www.atcc.org for instructions.
2. Rehydrate the entire pellet with approximately 0.5 mL of #1115 broth.
3. Aseptically transfer the entire contents to a 5-6 mL tube of #1115 broth. Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary broth tubes.
4. Use several drops of the primary broth tube to inoculate a #260 plate and/or #260 agar slant.
5. Or, to obtain a biphasic culture, add several drops of the primary broth tube to a #260 agar slant. Best practice is to incubate these slants at an angle.
6. Incubate at 37°C under microaerophilic conditions for 24-48 hours. Use an anaerobe jar with an active catalyst and a microaerophilic gas generator pack or other acceptable method. All tubes and slants should be incubated with caps loosened.

Notes

Fluid Thioglycollate tube may be incubated aerobically.
Motility is best observed in young cultures.
Once good growth is present, these organisms tend to lose viability, especially if exposed to air for lengthy periods.
The cells do not Gram stain well using traditional procedures. To obtain the best results, use a basic fuchsin counterstain in place of the safranin.
This organism prefers to be grown in biphasic conditions.
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

ATCC® products are warranted for 30 days from the date of shipment, and this warranty is valid only if the product is stored and handled according to the information included on this product information sheet. If the ATCC® product is a living cell or microorganism, ATCC lists the media formulation that has been found to be effective for this product. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this product. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

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