



Product Sheet

Escherichia coli (ATCC®) 11303™)

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
1

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: *Escherichia coli* (ATCC® 11303™)

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: B [CIP 103914, NCIB 11595, NRC 745]

Deposited Name: *Escherichia coli* (Migula) Castellani and Chalmers

Product Description: Bacteriophage host. Produces aspartate transaminase. Used in T cell rosette test and testing of aerosol containment on cell sorters.

Propagation

Medium

ATCC® Medium 129: Nutrient agar/stabs/broth with 0.5% NaCl

ATCC® Medium 3: Nutrient agar or nutrient broth

Growth Conditions

Temperature: 37°C

Atmosphere: Aerobic

Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of #3 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 #3 agar slant and/or plate.
5. Incubate the tubes and plate at 37°C for 24 hours.

Notes

Two colony types observed on #3 agar plates are a) irregular, glistening, medium, erose, low convex, smooth and translucent; b) entire, glistening, circular, smooth, low convex and opaque.

This strain is used as a phage host and medium #129 is recommended for phage propagation. It also grows in Nutrient Broth (BD 234000), Tryptic Soy Broth (BD 211825), or other commonly used media. This strain readily produces colonial mutants.

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: 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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confirmed to be accurate.

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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

Additional information on this culture is available on the ATCC web site at www.atcc.org.

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