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™)

References

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

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.

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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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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