**Designation:** FDA strain Seattle 1946 [DSM 1103, NCIB 12210]

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

**Antigenic Properties:** Serotype O6, Biotype 1

**Product Description:** Does not produce verotoxin. This organism is a CLSI control strain for antimicrobial susceptibility testing. It is used for media testing, as a negative control for LT toxin production, and as a quality control strain for Abbott, API, Autobac, BBL, bioMerieux Vitek, Biosynth, Difco, IDS, Micro-Media, MicroScan™, Roche Diagnostics, and Sensititre products. Used in susceptibility disc testing of neomycin, colistin [colimycin], kanamycin, cephalaxin, gentamicins, cefamandole, cephalothin, tetracycline, cephaloglycin, cephaloridine [cephalomycin], nalidixic acid, and chloramphenicol.

**Medium**

ATCC® Medium 18: Tryptase Soy Agar/Broth

**Growth Conditions**

Temperature: 37°C
Atmosphere: Aerobic

**Propagation Procedure**

1. Open vial according to enclosed instructions.
2. Using a single tube of #18 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 #18 agar slant and/or plate.
5. Incubate the tubes and plate at 37°C for 24 hours.

**Notes**

ATCC® 25922™ is a recommended reference strain for antibiotic susceptibility testing. It has been found that passage in broth often results in a change in MIC levels. Therefore, it is best to keep it on agar and to make stocks for storage immediately. Repeated passage is discouraged. Purified genomic DNA of this strain is available as ATCC® 25922D-5™. 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.

**ATCC Warranty**

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**Disclaimers**

This product is intended for laboratory research purposes only. It is not intended for use in humans. While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and

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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® 25922™)

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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 website at www.atcc.org.

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