Designation: C5 [Bort]
Deposited Name: Escherichia coli (Migula) Castellani and Chalmers
Antigenic Properties: Serotype O18ac:K1:H7

Medium
ATCC® Medium 18: Trypticase 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 second tube of broth, a slant, and/or plate.
5. Incubate all tubes and plate at 37°C for 24 hours.

Serotype O18ac:K1:H7 (1-3). This strain contains the K1 capsular polysaccharide antigen linked to meningitis in newborn infants. It is resistant to opsonization and phagocytosis (1, 3).

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

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

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 Sheet

*Escherichia coli* (ATCC® 700973™)

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: *Escherichia coli* (ATCC® 700973™)