



Product Sheet

Escherichia coli (ATCC® 47093™)

Please read this **FIRST**



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® 47093™)

Shipping Information

Distributed: freeze-dried

Description

Designation: DH5alpha18

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

Genotype: F- delta(lacZYA-argF)U169 phi80delta(lacZ)M15 endA1 recA1 hsdR17 deoR thi-1 supE44 gyrA96 relA1 galK18 rpsL lambda-

Propagation

Medium

ATCC® Medium 1445: Nutrient agar or broth with 20 mcg/ml streptomycin

Growth Conditions

Temperature: 37.0°C

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

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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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