



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](http://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](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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