



Product Sheet

# *Escherichia coli* (ATCC®) 35049™)

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® 35049™)

## Shipping Information

Distributed: freeze-dried

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

## Description

**Designation:** K38

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

**Genotype:** HfrC T2R relA1 pit-10 spoT1 tonA22 ompF627 phoA4 lambda-

## Propagation

### Medium

ATCC® Medium 1065: LB Agar/Broth, Miller

### Growth Conditions

**Temperature:** 37.0°C

## Notes

A host strain for M13 and other filamentous bacteriophage.  
- unknown

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