




Product Sheet

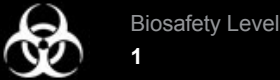
# *Escherichia coli* (ATCC® 47055™)

Please read this **FIRST**



Storage Temp.  
**-80°C or colder**

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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® 47055™)

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  
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## Description

**Designation:** S17-1

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

**Genotype:** recA pro hsdR RP4-2-Tc::Mu-Km::Tn7 integrated into the chromosome

**Product Description:** This is a recommended mobilization host for pARO180, pARO190, pARO181, and pARO191 (ATCC 77123-77126, respectively) because it contains chromosomally integrated tra genes.

**Depositor:** Donna Parke, Department of Biology, Yale University, New Haven, CT

**Genotype:** recA pro hsdR, RP4-Tc::Mu-Km::Tn7 integrated into the chromosome

**Markers:** tmpR, spcR, strR

## Propagation

### Medium

ATCC® Medium 2928: M9 + 40 ug/ml Proline + 10 ug/ml Trimetropin

### Growth Conditions

**Temperature:** 37°C

**Atmosphere:** Aerobic

### Propagation Procedure

1. Open thawed vial according to enclosed instructions or visit [www.atcc.org](http://www.atcc.org) for instructions.
2. Aseptically transfer the entire contents to a 5-6 mL tube of 5 mL LB + trimethoprim (10 µg/mL) media. A loopful of culture can also be streaked on an LB + trimethoprim agar plate.
3. Incubate at 37°C.

## Notes

The properties of streptomycin, trimethoprim, and spectinomycin resistance were verified. - ATCC staff Growth can be seen on ATCC® Medium 1065: LB Agar/Broth, Miller.

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

## 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.

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the misidentification or misrepresentation of such materials.

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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