




Product Sheet


## *Escherichia coli* DH5 (53868)

Please read this FIRST



Storage Temp.  
**Conditions: Store frozen vial at -80<sup>o</sup> C.**

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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.

### Shipping Information

Shipped: Frozen glycerol stock of *E. coli*

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

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U.S. Patent Number:  
4,851,348

### Technical Information

ATCC Technical Services does not have technical information on patent deposits that are not produced or characterized by ATCC. Additional information can be found on the international or [U.S. patent office](#) websites.

### Product Description

Designation: *Escherichia coli* DH5  
Organism: *Escherichia coli* (Migula) Castellani and Chalmers

### Batch-Specific Information

Refer to the Certificate of Analysis for batch-specific test results.

### SAFETY PRECAUTION

ATCC highly recommends that protective gloves and clothing always be used and a full face mask always be worn when handling frozen vials. It is important to note that some vials leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vessel exploding or blowing off its cap with dangerous force creating flying debris.

### Unpacking & Storage Instructions

1. Check all containers for leakage or breakage.
2. Remove the frozen cells from the dry ice packaging and immediately place the cells at a temperature below -130°C, preferably in liquid nitrogen vapor, until ready for use.

### Comments

A *recA*- host for plasmids and cosmids  
A *recA*- host for plasmids and cosmids.  
Lineage: strain 1100 (Hoffman-Berling) --> MM294 (Meselson) --> DH1 (Hanahan) --> DH5 (Hanahan).

### Propagation

### Complete Growth Medium

ATCC<sup>®</sup> Medium 1065: LB Agar/Broth, Miller

### 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



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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

This product is intended for laboratory research purposes only. It is not intended for use in humans.

While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

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### Disclosure

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

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