



# *Escherichia coli* (Migula) Castellani and Chalmers

47011™

## Description

**Strain designation:** HMS174

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

**Type strain:** No

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## Storage Conditions

**Product format:** Frozen

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## Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

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## BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always

used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may 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 vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Growth Conditions

### Medium:

ATCC Medium 1065: LB Agar/Broth, Miller

**Temperature:** 37°C

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## Handling Procedures

1. Thaw the frozen vial at room temperature.
  2. Transfer the entire contents of the thawed vial into a single tube (5-6 ml) of #1065 broth. Mix well.
  3. Use several drops of this suspension to inoculate a second tube of broth, a slant, and/or a plate.
  4. Incubate all tubes and plate at 37°C for 24 hours.
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## Notes

Depositor-provided information: Genotype F- hsdR19 recA1 rpoB331 IN(rrnD-rrnE)1 lambda-

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

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Escherichia coli* (Migula) Castellani and Chalmers (ATCC 47011)

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## References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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## **Revision**

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