



Escherichia coli (Migula) Castellani and Chalmers

33694™

Description

Escherichia coli strain HB101 is an *E. coli* K12 x *E. coli* B derivative used for plasmid production.

Strain designation: HB101

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

Type strain: No

Patent depository: This material was deposited with the ATCC Patent Depository to fulfill U.S. or international patent requirements. This material may not have been produced or characterized by ATCC. As an International Depository Authority (IDA) for patent deposits, ATCC is required to complete viability testing only at time of initial deposit of patent material. Patent deposits are made available on behalf of the Depositor when the pertinent U.S. or international patent is issued, but material may not be used to infringe the patent claims.

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Storage Conditions

Product format: Frozen

Storage conditions: -80°C or colder

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.

BSL 1

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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.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Medium:

ATCC Medium 1065: LB Agar/Broth, Miller

Temperature: 37°C

Atmosphere: Aerobic

Handling Procedures

1. Open thawed vial.
 2. Aseptically transfer the entire contents to a 5-6 mL tube of #1065 broth. Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary tubes.
 3. Use several drops of the primary broth tube to inoculate a #1065 plate and/or #1065 agar slant.
 4. Incubate at 37°C for 24 hours.
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Notes

Additional information on this culture can be found on the ATCC® website at www.atcc.org

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 33694)

References

References and other information relating to this material are available at www.atcc.org.

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