



33849

33849™

Description

Escherichia coli strain DH1 has applications in molecular biology as a transformation host.

Strain designation: DH1

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.

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BSL 1

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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.

Growth Conditions**Medium:**

ATCC Medium 1065: LB Agar/Broth, Miller

Temperature: 37°C**Atmosphere:** Aerobic

Handling Procedures

1. Open vial according to enclosed instructions.
 2. Using a single tube of #1065 broth (5 to 6 mL), withdraw approximately 0.5 to 1.0 mL with a Pasteur or 1.0 mL pipette. Rehydrate the entire pellet.
 3. Aseptically transfer this aliquot back into the broth tube. Mix well.
 4. Use several drops of the suspension to inoculate additional #1065 broth tubes, an agar slant, and/or plate.
 5. Incubate the tubes and plate at 37°C for 24 hours.
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Notes

Derived from MM294 (ATCC 33625).

- J. Mol. Biol. 166: 557-580, 1983

A plasmid host with a high transformation frequency.

- unknown

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: 33849 (ATCC 33849)

References

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

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