



Escherichia coli (Migula) Castellani and Chalmers

27325™

Description

Escherichia coli strain W3110 is a whole-genome sequenced bacterium that can be used as a transformation host. This strain is a prototrophic derivative of strain K-12.

Strain designation: W3110

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

Type strain: No

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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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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 and use to rehydrate the pellet.
 3. Aseptically transfer this aliquot back into the broth tube. Mix well.
 4. Use several drops of the suspension to inoculate a #1065 agar slant and/or plate.
 5. Incubate the tubes and plate at 37°C for 24 hours.
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Notes

Additional information on this culture is available on the ATCC® web site 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 27325)

References

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

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