



Product Sheet

Bacillus subtilis (ATCC® 15841™)

Please read this **FIRST**



Storage Temp.
Frozen: -80°C or colder
Freeze-Dried: 2°C to 8°C
Live Culture: See Propagation Section



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.

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Bacillus subtilis* (ATCC® 15841™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Deposited Name: *Bacillus subtilis* (Ehrenberg) Cohn

Propagation

Medium

ATCC® Medium 103: Soybean agar

Growth Conditions

Temperature: 37°C

Atmosphere: Aerobic

Propagation Procedure

1. Open vial according to enclosed instructions.
2. From a single tube of #103 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. Use 0.1 mL of this suspension to inoculate #103 slants and 0.1 mL to inoculate #103 plates.
4. Incubate tubes and plates at 37°C, under aerobic conditions, for 24 hours.
5. After 24 hours of incubation, wash cells from the slant and transfer this broth to a new slant and plate. Incubate another 24 hours under aerobic conditions. This second transfer and incubation is necessary for complete removal of the cryoprotectant, which can inhibit growth.

Notes

Growth on agar at 24 hours yields two colony morphotypes, a mucoid form and a granular form. The mucoid colony appears amorphous with a tacky, mucoid consistency. The granular form, appears as raised, irregular colonies approximately 1-2 mm in diameter, with a finely granular interior. No reversion occurs with subculture.

Cells are nonmotile rods, appearing individually and paired for both colony types.

Additional information on this culture is available on the ATCC® web site at www.atcc.org.

References

References and other information relating to this product are available online at 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 Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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the misidentification or misrepresentation of such materials.

Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org


Additional information on this culture is available on the ATCC web site at www.atcc.org.

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