



Product Sheet

# *Bacillus subtilis* (ATCC® 4944™)

Please read this **FIRST**



## 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® 4944™)

## Description

**Designation:** NCTC [NRS 1106]  
**Deposited Name:** *Bacillus parvus*

## Propagation

**Medium**  
ATCC® Medium 3: Nutrient agar or nutrient broth

**Growth Conditions**  
**Temperature:** 30.0°C

## Propagation Procedure

1. Open the freeze-dried vial according to enclosed instructions.
  2. Using a single tube of #3 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 a #3 slant, and/or plate
  5. Incubate all tubes and plates at 30°C for 24 to 48 hours.
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## Notes

Growth is observed after 24 hours. Growth is poor in broth, but heavy on agar. Colonial variation may be observed and is typical for this strain. Colonies are circular, low convex, with irregular margins and are opaque to translucent.

Under phase microscopy, cells occur individually and as motile chains.

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

On Nutrient Agar colonies are circular with irregular margins, smooth, flat and translucent to opaque with some spreading. Colonial variation may occur.

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

## References

References and other information relating to this product are available online at [www.atcc.org](http://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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## Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

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

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