



# *Priestia megaterium* (de Bary) Gupta et al.

14581™

## Description

*Priestia megaterium* is a whole genome-sequenced bacterial type strain. This bacterium is listed as a quality control strain for the VITEK 2 BCL Comprehensive QC Set.

**Strain designation:** [BCRC 10608, CCM 2007, CCUG 1817, CIP 66.20, DSM 32, HAMBI 2018, IAM 13418, JCM 2506, KCTC 3007, LMG 7127, NBRC 15308, NCCB 75016, NCIMB 9376, NCTC 10342, NRIC 1710, NRRL B-14308, VKM B-512]

**Deposited As:** *Bacillus megaterium* de Bary

**Type strain:** Yes

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## Storage Conditions

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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## 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

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to

understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

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.

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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](http://www.atcc.org).

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## Growth Conditions

### Medium:

ATCC Medium 3: Nutrient agar or nutrient broth

**Temperature:** 30°C

**Atmosphere:** Aerobic

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## Handling Procedures

1. Open vial.

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 agar slant and/or plate.
  5. Incubate the tubes and plate at 30°C for 24 hours.
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## Notes

For spore formation, the following medium may be used:

#10 Broth: Nutrient Broth (BD 234000) in tap water with 25% Soil Extract (see below)

#10 Agar: Nutrient Agar (BD 213000) in tap water with 25% Soil Extract (see below)

### Soil Extract:

African violet soil, 77.0 g

Na<sub>2</sub>CO<sub>3</sub>, 0.2 g

Distilled water, 200.0 ml

*Autoclave for one hour. Filter through paper before using in media.*

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

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Priestia megaterium* (de Bary) Gupta et al. (ATCC 14581)

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## References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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## Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: [tech@atcc.org](mailto:tech@atcc.org) or contact your local distributor