



Bacillus spizizenii (Nakamura et al.) Dunlap et al.

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Description

Bacillus spizizenii strain NRS 231 is a whole-genome sequenced bacterium with applications as a test microorganism for USP <2021>, <61>, <71>, and <81>.

Strain designation: NRS 231

Deposited As: *Bacillus subtilis* (Ehrenberg) Cohn

Type strain: No

Technical information: ATCC Technical Services does not have technical information on patent deposits that are not produced or characterized by ATCC. Additional information can be found in the corresponding patent available from the patent holder or with the U.S. and/or international patent office.

Storage Conditions

Product format: Freeze-dried

Storage conditions: 2°C to 8°C

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

ATCC determines the biosafety level of a material based on our risk assessment as

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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 44: Brain Heart Infusion Agar/Broth

Temperature: 30°C

Atmosphere: Aerobic

Incubation: Using a shaking incubator improves growth

Handling Procedures

1. Open vial.
 2. Using a single tube of #44 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 #44 agar slant and/or plate.
 5. Incubate the tubes and plate at 30°C for 24 hours.
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Notes

CA Dunlap et al. reclassified *Bacillus subtilis* subsp. *spizizenii* into the new species *Bacillus spizizenii*. Some platforms and databases may still identify this species by its previous name.

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: *Bacillus spizizenii* (Nakamura et al.) Dunlap et al. (ATCC 6633)

References

References and other information relating to this material are available at 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 or contact your local distributor
