**Bacillus cereus, Strain NRRL B-569**

**Catalog No. NR-52260**  
(Derived from ATCC® 10876™)

For research use only. Not for use in humans.

**Contributor:**  
ATCC®

**Manufacturer:**  
BEI Resources

**Product Description:**
Bacteria Classification: *Bacillaceae, Bacillus*
Species: *Bacillus cereus*
Strain: NRRL B-569

Original Source: *Bacillus cereus* (*B. cereus*), strain NRRL B-569 was isolated in 1944 from a contaminated flask by Dr. Kenneth B. Raper. B. cereus, strain NRRL B-569 was deposited at ATCC® in 1963 by Dr. William C. Haynes, USDA, Agricultural Research Service, Peoria, Illinois.¹

Comments: This strain reportedly has enterotoxin activity and contains a 650 kb plasmid.² Three complete genome of *B. cereus*, strain NRRL B-569 has been sequenced (GenBank: ACLT00000000).

*B. cereus* is a Gram-positive, spore-forming, facultative aerobe. This organism is a ubiquitous opportunistic pathogen that can cause food poisoning in infected individuals. There are two forms of food poisoning that occur. The early onset (emetic) disease is caused by a small, stable dodecadepsipeptide cerulide whereas the late onset (diarrheal) disease is caused by heat-labile enterotoxins.³ Most *B. cereus* strains produce β-lactamases and are resistant to β-lactam antimicrobial agents.⁴

**Material Provided:**
Each vial contains approximately 0.5 mL of bacterial culture in Nutrient broth supplemented with 10% glycerol.

**Note:** If homogeneity is required for your intended use, please purify prior to initiating work.

**Packaging/Storage:**
NR-52260 was packaged aseptically in cryovials. The product is provided frozen and should be stored at -60°C or colder immediately upon arrival. For long-term storage, the vapor phase of a liquid nitrogen freezer is recommended. Freeze-thaw cycles should be avoided.

**Growth Conditions:**

**Media:**
Nutrient broth or Tryptic Soy broth or equivalent
Nutrient agar or Tryptic Soy agar or equivalent

**Incubation:**
Temperature: 30°C
Atmosphere: Aerobic

**Propagation:**
1. Keep vial frozen until ready for use, then thaw.
2. Transfer the entire thawed aliquot into a single tube of broth.
3. Use several drops of the suspension to inoculate an agar slant and/or plate.
4. Incubate the tube, slant and/or plate at 30°C for 1 day.

**Citation:**
Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: *Bacillus cereus*, Strain NRRL B-569, NR-52260."

**Biosafety Level:** 1


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References:

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