

***Brevibacillus parabrevis*, Strain BG**

Catalog No. NR-602

(Derived from ATCC® 8185™)

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Contributor:

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Product Description:

Bacteria Classification: *Paenibacillaceae*, *Brevibacillus*

Agent: *Brevibacillus parabrevis*

Strain: BG (NRS 751)

Material Provided:

Each vial contains approximately 0.5 mL of bacterial culture in 0.5X Tryptic Soy Broth supplemented with 10% glycerol.

Packaging/Storage:

NR-602 was packaged aseptically, in screw-capped plastic 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:

Tryptic Soy Broth or equivalent

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 slant and/or plate at 30°C for 24 hours.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: *Brevibacillus parabrevis*, Strain BG, NR-602."

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed.

Washington, DC: U.S. Government Printing Office, 2007; see www.cdc.gov/od/ohs/biosfty/bmb15/bmb15toc.htm.

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References:

1. Shida, O., et al. "Proposal for Two New Genera, *Brevibacillus* gen. nov. and *Aneurinibacillus* gen. nov." Int. J. Syst. Bacteriol. 46 (1996): 939–946. PubMed: 8863420.
2. Takagi, H., et al. "Characterization of *Bacillus brevis* with Descriptions of *Bacillus migulanus* sp. nov., *Bacillus choshinensis* sp. nov., *Bacillus parabrevis* sp. nov., and *Bacillus galactophilus* sp. nov." Int. J. Syst. Bacteriol. 43 (1993): 221–231. PubMed: 8494737.
3. Dubos, R. J. and R. D. Hotchkiss. "The Production of Bactericidal Substances by Aerobic Sporulating Bacilli." J. Exp. Med. 73 (1941): 629–640.

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