

***Burkholderia stabilis*, Strain LMG 14294**

Catalog No. NR-706

(Derived from ATCC® BAA-67™)

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Contributor:

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Product Description:

Bacteria Classification: *Burkholderiaceae*, *Burkholderia*

Species: *Burkholderia stabilis*, (type strain)

Strain: LMG 14294; CCUG 34168; CIP 106845; Lauwers E3P; NCTC 13011

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-706 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 Tryptic Soy Broth.
3. Use several drops of the suspension to inoculate a Tryptic Soy Agar slant and/or plate.
4. Incubate the slant and/or plate at 30°C for 24 hours.

Note:

Colonies are circular, entire, glistening, smooth, low convex, and transparent.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: *Burkholderia stabilis*, Strain LMG 14294, NR-706."

Biosafety Level: 2

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/bmbl5/bmbl5toc.htm

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References:

1. Vandamme, P., et al. "Identification and Population Structure of *Burkholderia stabilis* sp. nov. (Formerly *Burkholderia cepacia* Genomovar IV)." J. Clin. Microbiol. 38 (2000): 1042–1047. PubMed: 10698993.

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