

### ***Burkholderia cepacia*, Strain LMG 18941**

#### **Catalog No. NR-702**

(Derived from ATCC® BAA-246™)

#### **For research use only. Not for human use.**

#### **Contributor:**

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#### **Product Description:**

Bacteria Classification: *Burkholderiaceae*, *Burkholderia*

Species: *Burkholderia cepacia*

Strain: LMG 18941; HI2112

Genomovar: VI

#### **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-702 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 translucent.

#### **Citation:**

Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: *Burkholderia cepacia*, Strain LMG 18941, NR-702."

#### **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](http://www.cdc.gov/od/ohs/biosfty/bmbl5/bmbl5toc.htm)

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#### **References:**

1. Coenye, T., et al. "*Burkholderia cepacia* Genomovar VI, A New Member of the *Burkholderia cepacia* Complex Isolated from Cystic Fibrosis Patients." Int. J. Syst. Evol. Microbiol. 51 (2001): 271–279. PubMed: 11321071.
2. Vermis, K., et al. "Proposal to Accommodate *Burkholderia cepacia* Genomovar VI as *Burkholderia dolosa* sp. nov." Int. J. Syst. Evol. Microbiol. 54 (2004): 689–691. PubMed: 15143009.

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[www.beiresources.org](http://www.beiresources.org)

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