

## Genomic DNA from *Burkholderia cenocepacia*, Strain LMG 16656

Catalog No. NR-36042

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### Contributor:

ATCC®

### Manufacturer:

BEI Resources

### Product Description:

Genomic DNA was isolated from a preparation of *Burkholderia cenocepacia* (*B. cenocepacia*, formerly *Burkholderia cepacia* genomovar III, as indicated on the label), strain LMG 16656.

The type strain LMG 16656 (J2315, NCTC 13227, CCM 4899, CF5610) of *B. cenocepacia* was isolated in 1989 in Edinburgh, United Kingdom, from the sputum of a cystic fibrosis patient.<sup>1</sup> *B. cenocepacia*, strain LMG 16656 was deposited at ATCC® in 2001 by Dr. D. Janssens from BCCM/LMG Bacteria Collection, Ghent University, in Belgium. The *Burkholderia cenocepacia*, strain LMG 16656 genome is available from the [Sanger Institute](#).<sup>2</sup>

NR-36042 has been qualified for PCR applications by amplification of approximately 1500 base pairs of the 16S ribosomal RNA gene.

### Material Provided:

Each vial contains approximately 0.7 to 1.5 µg of bacterial genomic DNA in TE buffer (10 mM Tris-HCl and 1 mM EDTA, pH ~ 8). The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

### Packaging/Storage:

NR-36042 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen on dry ice and should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be minimized.

### Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Genomic DNA from *Burkholderia cenocepacia*, Strain LMG 16656, NR-36042."

### 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, 2009; see [www.cdc.gov/biosafety/publications/bmbl5/index.htm](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

### Disclaimers:

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### References:

1. Vandamme, P., et al. "*Burkholderia cenocepacia* sp. nov.- a New Twist to an Old Story." *Res. Microbiol.* 154 (2003): 91-96. PubMed: 12648723.
2. Miller, D. A. and E. Mahenthiralingam. "Sequencing of the *Pseudomonas aeruginosa* and *Burkholderia cepacia* Genomes and their Applications in Relation to Cystic Fibrosis." *J. R. Soc. Med.* 96 Suppl. 43 (2003): 57-65. PubMed: 12906327.

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