

Genomic DNA from *Burkholderia multivorans*, Strain LMG 13010 (ATCC® BAA-247™)

Catalog No. NR-36041

For research use only. Not for human use.

Contributor:

ATCC®

Manufacturer:

BEI Resources

Product Description:

Genomic DNA was isolated from a preparation of *Burkholderia multivorans* (*B. multivorans*; formerly *Burkholderia cepacia* genomovar II)¹, strain LMG 13010 (ATCC® BAA-247™).

The type strain LMG 13010 (CCUG 34080, Lauwers Cepa 002, CIP 105495, DSM 13243, NCTC 13007) was isolated in 1992 from the sputum of a cystic fibrosis patient in Belgium.¹ The complete genomic sequence for *B. multivorans*, strain LMG 13010 (ATCC® BAA-247™) is available (GenBank: [ALIW000000000](http://www.ncbi.nlm.nih.gov/GenBank/ALIW000000000)).²

NR-36041 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-36041 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 multivorans*, Strain LMG 13010 (ATCC® BAA-247™), NR-36041."

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.

Disclaimers:

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References:

1. Vandamme, P., et al. "Occurrence of Multiple Genomovars of *Burkholderia cepacia* in Cystic Fibrosis Patients and Proposal of *Burkholderia multivorans* sp. nov." *Int. J. Syst. Bacteriol.* 47 (1997): 1188-1200. PubMed: 9336927.
2. Varga, J. J., et al. "Draft Genome Sequence Determination for Cystic Fibrosis and Chronic Granulomatous Disease *Burkholderia multivorans* Isolates." *J. Bacteriol.* 194 (2012): 6356-6357. PubMed: 23105085.

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