

Genomic DNA from *Burkholderia thailandensis*, Strain E421**Catalog No. NR-10277****For research use only. Not for human use.****Contributor:**

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Product Description:

Genomic DNA was isolated from a preparation of *Burkholderia thailandensis* (*B. thailandensis*), strain E421 (BEI Resources NR-9909).

B. thailandensis, strain E421 is an environmental isolate obtained from a rice field in Amphur Muang in the Ubon Ratchathani province in northeast Thailand in 2001.¹

NR-10277 has been qualified for PCR applications by amplification of approximately 1500 bp of the 16S ribosomal RNA gene.

Material Provided:

Each vial contains approximately 4 to 6 µg of bacterial genomic DNA in TE buffer (10 mM Tris-HCl, 1 mM EDTA, pH ~ 7.4). The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

Packaging/Storage:

NR-10277 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen and should be stored at 4°C or colder immediately upon arrival. For optimal long-term storage, freezing the material at -20°C or colder is recommended. Freeze-thaw cycles should be minimized.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Genomic DNA from *Burkholderia thailandensis*, Strain E421, NR-10277."

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/bmbl5/bmbl5toc.htm.

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References:

1. Susan J. Peacock, personal communication.

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