

Genomic DNA from *Burkholderia pseudomallei*, Strain K96243

Catalog No. NR-9320

For research use only. Not for human use.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Genomic DNA was extracted from a preparation of *Burkholderia pseudomallei* (*B. pseudomallei*), strain K96243.

B. pseudomallei, strain K96243 was isolated in 1996 from a female diabetic patient at Khon Kaen hospital in northeast Thailand.¹ The complete genome sequence of *B. pseudomallei*, strain K96243 is available (GenBank: [BX571965](#) and [BX571966](#)).¹

NR-9320 has been qualified for PCR applications by amplification of approximately 1500 base pairs of the 16S ribosomal RNA gene.

Material Provided:

Each vial contains 0.7 µg to 1.5 µg of bacterial genomic DNA in 10 mM Tris-HCl, pH 8 – 8.5. Each vial of lot 57960660 contains 4 µg to 6 µg of bacterial genomic DNA in TE buffer (10 mM Tris-HCl, 1 mM EDTA, pH ~ 7.4). The vial should be centrifuged prior to opening.

Packaging/Storage:

NR-9320 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen and should be stored at -20°C or colder immediately upon arrival. For long-term storage, the product should be stored at -80°C. Freeze-thaw cycles should be minimized. Note: NR-9320 may not be provided in EDTA; for long-term storage, EDTA may be added to a final concentration of 0.1 mM to 1 mM.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Genomic DNA from *Burkholderia pseudomallei*, Strain K96243, NR-9320."

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.

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References:

1. Holden, M. T. G., et al. "Genomic Plasticity of the Causative Agent of Melioidosis, *Burkholderia pseudomallei*." *Proc. Natl. Acad. Sci. U.S.A.* 101 (2004): 14240-14245. PubMed: 15377794.

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