

Genomic DNA from *Burkholderia pseudomallei*, Strain China 3 (MP-H, NBL 104)

Catalog No. NR-50051

For research use only. Not for human use.

Contributor:
ATCC®

Manufacturer:
BEI Resources

Product Description:

Genomic DNA was extracted from a preparation of *Burkholderia pseudomallei* (*B. pseudomallei*), strain China 3 (MP-H, NBL 104) (BEI Resources NR-24 which was derived from ATCC® 11668™).

B. pseudomallei, strain China 3 was likely isolated from an American soldier in Burma with a fatal case of septicemia.¹

NR-50051 has been qualified for PCR applications by amplification of approximately 1500 base pairs of the 16S ribosomal RNA gene.

Material Provided:

Each vial of NR-50051 contains 0.7 µg to 1.5 µg of bacterial genomic DNA in 10 mM Tris-HCl, pH 8 - 8.5. The vial should be centrifuged prior to opening.

Packaging/Storage:

NR-50051 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-50051 is not 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 China 3 (MP-H, NBL 104), NR-50051."

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:

- Alexander, A. D., et al. "Serological Diagnosis of Human Melioidosis with Indirect Hemagglutination and Complement Fixation Tests." *Appl. Microbiol.* 20 (1970): 825-833. PubMed: 5530276.
- Godoy, D., et al. "Multilocus Sequence Typing and Evolutionary Relationships Among the Causative Agents of Melioidosis and Glanders, *Burkholderia pseudomallei* and *Burkholderia mallei*." *J. Clin. Microbiol.* 41 (2003): 2068-2079. PubMed: 12734250.
- Gee, J. E., et al. "Use of 16S rRNA Gene Sequencing for Rapid Identification and Differentiation of *Burkholderia pseudomallei* and *B. mallei*." *J. Clin. Microbiol.* 41 (2003): 4647-4654. PubMed: 14532197.
- Ong, C., et al. "Patterns of Large-Scale Genomic Variation in Virulent and Avirulent *Burkholderia* Species." *Genome Res.* 14 (2004): 2295-2307. PubMed: 15520292.

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