Genomic DNA from *Burkholderia mallei*, Strain China 7 (NBL 7)

Catalog No. NR-50050

For research use only. Not for human use.

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BEI Resources

Product Description:
Genomic DNA was extracted from a preparation of *Burkholderia mallei* (*B. mallei*), strain China 7 (NBL 7) (BEI Resources NR-23 which was derived from ATCC® 23344™). Genome variability upon passage has been reported to be a feature of *B. mallei*, strain China 7 (ATCC® 23344™).[1] Genomic DNA from BEI Resources NR-4071 (a preparation of *B. mallei* strain China 7 that was derived from ATCC® 23344™ via several passages by different individuals prior to its deposit at BEI Resources) is available as BEI Resources NR-9318.

B. mallei, strain China 7 was isolated from postmortem cultures of knee fluid, skin pustules, and blood of a Chinese soldier who died in Burma (1944) from a glanders-melioidosis type of infection. The complete genomic sequence of *B. mallei*, strain China 7 has been determined (GenBank: CP000010 and CP000011).[2]

NR-50050 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-50050 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-50050 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-50050 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 mallei*, Strain China 7 (NBL 7), NR-50050."

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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