

Genomic DNA from *Burkholderia pseudomallei*, Strain 286 (MP-S, NBL 121)

Catalog No. NR-50097

For research use only. Not for human use.

Contributor:
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Manufacturer:
BEI Resources

Product Description:

Genomic DNA was isolated from a preparation of *Burkholderia pseudomallei* (*B. pseudomallei*), strain 286 (MP-S, NBL 121).^{1,2}

B. pseudomallei, strain 286 was isolated in 1953 from a human with chronic melioidosis in Louisiana, having evidence of infection acquired while living in the Far East.³

NR-50097 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-50097 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-50097 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-50097 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 286 (MP-S, NBL 121), NR-50097.”

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. Wetmore, P. W. and W. S. Gochenour, Jr. “Comparative Studies of the Genus *Malleomyces* and Selected *Pseudomonas* Species. I. Morphological and Cultural Characteristics.” [J. Bacteriol.](#) 72 (1956): 79-89. PubMed: 13345779.
2. Redfearn, M. S., N. J. Palleroni, and R. Y. Stanier. “A Comparative Study of *Pseudomonas pseudomallei* and *Bacillus mallei*.” [J. Gen. Microbiol.](#) 43 (1966): 293-313. PubMed: 5962362.
3. Ziskind, J., P. Pizzolato, and E. E. Buff. “Characteristics of a Strain of *Malleomyces pseudomallei* from Chronic Melioidosis.” [Am. J. Clin. Pathol.](#) 24 (1954): 1241-1245. PubMed: 13207053.

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