

**Genomic DNA from *Burkholderia pseudomallei*, Strain DD503**

**Catalog No. NR-9319**

**Product Description:** Genomic DNA was isolated from a preparation of *Burkholderia pseudomallei* (*B. pseudomallei*), strain DD503 (BEI Resources NR-4072).

**Lot<sup>1</sup>: 57960659**

**Manufacturing Date: 04DEC2007**

TEST	SPECIFICATIONS	RESULTS
<b>Sequencing of 16S Ribosomal RNA Gene</b> (~ 1330 base pairs)	Identical to BEI Resources NR-4072 Consistent with <i>B. pseudomallei</i>	Identical to BEI Resources NR-4072 Consistent with <i>B. pseudomallei</i> <sup>2</sup>
<b>Agarose Gel Electrophoresis</b>	High molecular weight chromosomal DNA	High molecular weight chromosomal DNA (Figure 1)
<b>Concentration by PicoGreen<sup>®</sup> Measurement</b>	4 to 6 µg in 25 to 100 µL per vial	5.6 µg in 42 µL per vial (133.3 µg/mL)
<b>Functional Activity by PCR Amplification</b> 16S ribosomal RNA gene	~ 1500 base pair amplicon	~ 1500 base pair amplicon
<b>OD<sub>260</sub>/OD<sub>280</sub> Ratio</b>	1.7 to 1.9	1.9
<b>Bacterial Inactivation</b> 10% of total yield plated on Nutrient agar <sup>3</sup>	No viable bacteria detected	No viable bacteria detected

<sup>1</sup>*B. pseudomallei*, strain DD503 was deposited by Herbert P. Schweizer of the Department of Microbiology, Immunology and Pathology, College of Veterinary Medicine and Biomedical Sciences, Colorado State University, Fort Collins, Colorado, USA. The bacterial preparation used for extraction of genomic DNA was produced from the deposited material. Genomic DNA was extracted using proprietary technology.

<sup>2</sup>Also consistent with other *Burkholderia* species

<sup>3</sup>An extraction procedure was used that has been shown to consistently inactivate 100% of Gram-negative and Gram-positive bacteria.

**Date:** 02 MAY 2014

**Signature:**



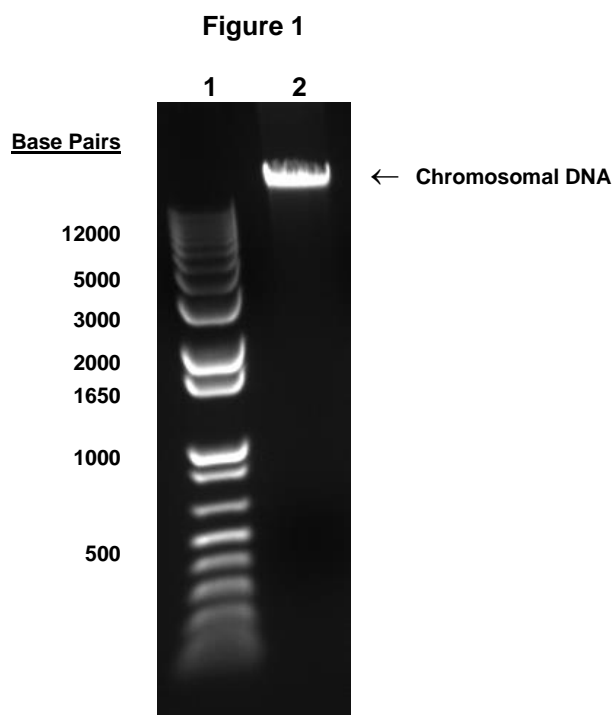
**Title:** Technical Manager, BEI Authentication or designee

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Lane 1: Invitrogen™ TrackIt™ 1 Kb Plus DNA Ladder

Lane 2: 200 ng of NR-9319