

Genomic DNA from *Burkholderia cenocepacia*, Strain LMG 16656

Catalog No. NR-36042

Product Description: Genomic DNA was isolated from a preparation of *Burkholderia cenocepacia* (*B. cenocepacia*, formerly *Burkholderia cepacia* genomovar III, as indicated on the label), strain LMG 16656.

Lot¹: 60948750

Manufacturing Date: 24APR2012

TEST	SPECIFICATIONS	RESULTS
Sequencing of 16S Ribosomal RNA Gene (~ 1460 bp)	Consistent with <i>B. cenocepacia</i>	Consistent with <i>B. cenocepacia</i> ²
Agarose Gel Electrophoresis	High molecular weight chromosomal DNA	High molecular weight chromosomal DNA (Figure 1)
Concentration by PicoGreen[®] Measurement	0.7 to 1.5 µg in 25 to 100 µL per vial	1.0 µg in 36 µL per vial (29 µg/mL)
Functional Activity by PCR Amplification 16S ribosomal RNA gene	~ 1500 bp amplicon	~ 1500 bp amplicon
OD₂₆₀/OD₂₈₀ Ratio	1.7 to 2.0	1.9
Bacterial Inactivation 10% of total yield plated on Tryptic Soy agar with 5% sheep blood ^{3,4}	No viable bacteria detected	No viable bacteria detected

¹The bacterial preparation used for extraction of genomic DNA was produced by culture of BEI Resources NR-701 (Lot 4101679). Genomic DNA was extracted using proprietary technology.

²Also consistent with other *Burkholderia* species

³7 days at 37°C in an aerobic atmosphere with 5% CO₂

⁴An extraction procedure was used that has been shown to consistently inactivate 100% of Gram-positive and Gram-negative bacteria.

Date: 03 JUL 2013

Signature:



Title:

Technical Manager, BEI Authentication or designee

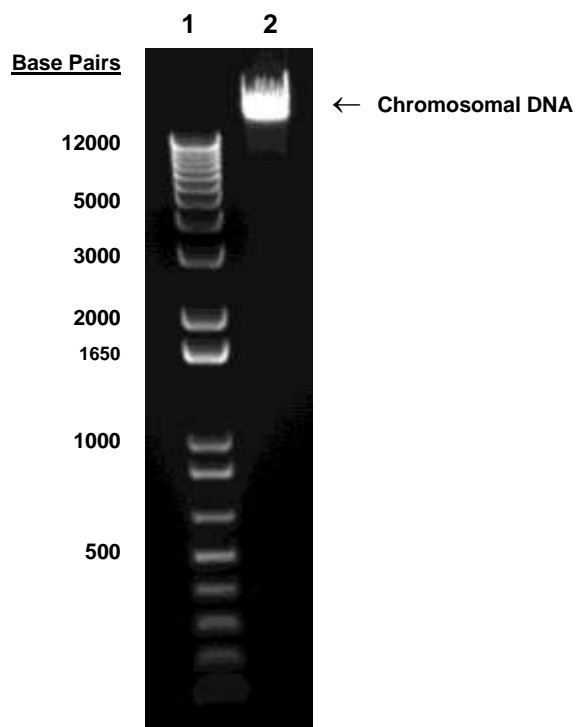
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Figure 1



Lane 1: Invitrogen™ TrackIt™ 1 Kb Plus DNA Ladder
Lane 2: 200 ng of NR-36042