Genomic DNA from *Bacillus anthracis*, Strain Ames35

Catalog No. NR-10450
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For research use only. Not for human use.

Primary Producer:
Stephen Leppla, Laboratory of Bacterial Diseases, NIH/NIAID

Manufacturer:
BEI Resources

Product Description:
Genomic DNA was isolated from a preparation of *Bacillus anthracis* (B. anthracis), strain Ames35. B. anthracis, strain Ames35 is a derivative of B. anthracis, strain Ames that was treated with novobiocin to cure it of the pXO2 plasmid.1,2

NR-10450 has been qualified for PCR applications by amplification of approximately 1500 bp of the 16S ribosomal RNA gene. The presence of pXO1 and absence of pXO2 in NR-10450 have been confirmed by PCR.

Material Provided:
Each vial of lot 59557827 contains 0.7 to 1.5 µg of bacterial genomic DNA in TE buffer (10 mM Tris-HCl and 1 mM EDTA, pH ~ 8). Each vial of lot 58485570 contains 4 to 6 µg of bacterial genomic DNA in TE buffer (10 mM Tris-HCl and 1 mM EDTA, pH ~ 7.4). The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

Packaging/Storage:
NR-10450 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen on dry ice and should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be minimized.

Citation:
Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Genomic DNA from *Bacillus anthracis*, Strain Ames35, NR-10450."

Biosafety Level: 1

Disclaimers:
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References:

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