

Internal Control DNA for *Yersinia pestis* Plasmid Detection Kit

Catalog No. NR-9551

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For research use only. Not for human use.

Contributor and Manufacturer:

BEI Resources

Product Description:

NR-9551 contains linearized, purified plasmid DNA designed to serve as an internal control for the primer sets included in the *Yersinia pestis* Plasmid Detection Kit (BEI Resources NR- 9562). PCR amplification of NR-9551 using each of the primer sets in NR-9562 (available individually as NR-9686 through NR-9689) will result in a band of approximately 130 base pairs.

Material Provided:

Each vial contains approximately 40 ng of plasmid DNA in TE buffer (10 mM Tris-HCl, 1 mM EDTA, pH 7.0). The concentration is shown on the Certificate of Analysis.

Packaging/Storage:

NR-9551 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen on dry ice and should be stored at -60°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: Internal Control DNA for *Yersinia pestis* Plasmid Detection Kit, NR-9551."

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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