

***Yersinia pestis*, Strain PH 80/63 (NCTC 10329), Heat-Inactivated**

Catalog No. NR-51667

For research use only. Not for human use.

Contributor:

Health Protection Agency, United Kingdom (Public Health England)

Manufacturer:

BEI Resources

Product Description:

NR-51667 is a preparation of heat-inactivated *Yersinia pestis* (*Y. pestis*), strain PH 80/63. Inactivation was completed through incubation for 20 minutes at 95°C. This product is intended for use as a positive control in molecular assays for the qualitative detection and identification of *Y. pestis*.

Material Provided:

Each vial of NR-51667 contains approximately 150 µL of heat-inactivated bacterial culture supplemented with 10% glycerol. The vial should be centrifuged prior to opening.

Packaging/Storage:

NR-51667 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen and should be stored at -60°C or colder immediately upon arrival. For long-term storage, the vapor phase of a liquid nitrogen freezer is recommended. Freeze-thaw cycles should be avoided.

Functional Activity:

NR-51667 is functional in PCR and western blot assays. See Certificate of Analysis for details. NR-51667 has not been tested in other applications.

Citation:

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: *Yersinia pestis*, Strain PH 80/63 (NCTC 10329), Heat-Inactivated, NR-51667.”

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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