

**Genomic DNA from *Rickettsia rickettsii*,
Strain Smith**

Catalog No. NR-48825

For research use only. Not for human use.

Contributor:

ATCC

Manufacturer:

BEI Resources

Product Description:

Genomic DNA was isolated from a preparation of cell lysate and supernatant from *Cercopithecus aethiops* kidney epithelial cells (Vero; ATCC® CCL-81™) infected with *Rickettsia rickettsii* (*R. rickettsii*), strain Smith. The complete genome sequence of *R. rickettsii*, strain Smith has been determined (GenBank: CP000848).¹

NR-48825 has been qualified for PCR applications by amplification of an approximately 1150 nucleotide sequence. Recommended dilutions for successful RT-PCR amplification are indicated on the Certificate of Analysis for each lot.

Material Provided:

Each vial contains 100 µL of bacterial genomic DNA in TE buffer (10 mM Tris-HCl, 1 mM EDTA, pH 7.0). The bacterial genomic DNA is in a background of cellular nucleic acid and carrier RNA. The vial should be centrifuged prior to opening.

Packaging/Storage:

NR-48825 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen 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 *Rickettsia rickettsii*, Strain Smith, NR-48825.”

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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References:

1. Madan, A., et al. Neurogenomics Research Laboratory, University of Iowa, 200 B EMRB, Iowa City, Iowa 52242, USA. Direct submission.

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