

**Genomic DNA from *Rhodnius prolixus*, Strain CDC**

**Catalog No. NR-45839**

**For research use only. Not for human use.**

**Contributor:**

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**Manufacturer:**

Centers for Disease Control and Prevention, Atlanta, Georgia, USA

**Product Description:**

Genomic DNA was obtained from a preparation of *Rhodnius prolixus* (*R. prolixus*; kissing bug), strain CDC (BEI Resources NR-44077).

*R. prolixus*, strain CDC was collected from a domestic dwelling/environment in Colombia by Charles B. Beard. The whole genome shotgun sequence of *R. prolixus* is available (GenBank: [ACPB00000000](https://www.ncbi.nlm.nih.gov/nuccore/ACPB00000000)).

**Material Provided:**

Each vial of NR-45839 contains approximately 5 µg of genomic DNA in 500 µL of TE buffer (10 ng per µL). The vial should be centrifuged prior to opening.

**Packaging/Storage:**

NR-45839 is prepared and shipped by CDC. 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 provided by Centers for Disease Control and Prevention for distribution by BEI Resources, NIAID, NIH: Genomic DNA from *Rhodnius prolixus*, Strain CDC, NR-45839.”

**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](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

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**References:**

1. Lyman, D. F., et al. “Mitochondrial DNA Sequence Variation among Triatomine Vectors of Chagas’ Disease.” [Am. J. Trop. Med. Hyg.](#) 60 (1999): 377-386. PubMed: 10466963.

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