

**Stages Eggs/N1/N2 Larvae *Rhodnius prolixus*, Strain CDC**

**Catalog No. NR-44076**

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

**Contributor:**

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**Manufacturer:**

CDC, Atlanta, Georgia, USA

**Product Description:**

Classification: *Reduviidae, Rhodnius*

Species: *Rhodnius prolixus* (common name: kissing bug)

Strain: CDC

Original Source: *Rhodnius prolixus* (*R. prolixus*), strain CDC was collected from a domestic dwelling/environment in Colombia by Charles B. Beard.

Transmission Competent Pathogen: *Trypanosoma cruzi*

Comment: The whole genome shotgun sequence of *R. prolixus* is available (GenBank: [ACPB00000000](https://www.ncbi.nlm.nih.gov/nuclseq/ACPB00000000)).

**Material Provided:**

NR-44076 contains approximately 100 live *R. prolixus* eggs/N1/N2 larvae.

Note: *R. prolixus*, strain CDC can also be obtained in adult form (NR-44077).

**Packaging/Storage:**

NR-44076 is prepared and shipped by CDC. The product is provided at room temperature and should be placed in an incubator or used immediately.

**Growth Conditions:**

The contributor recommends standardized laboratory conditions for the maintenance of kissing bugs.<sup>1</sup>

**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: Stages Eggs/N1/N2 Larvae *Rhodnius prolixus*, Strain CDC, NR-44076."

**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. Pennington, P., C. B. Beard and J. Anderson. "Care, Maintenance and Handling of Infected Triatomines." In Biology of Disease Vectors, Second Edition. (2004) Marquardt, W. C. (Ed.), Academic Press, pp. 717-725.
2. 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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