

Adult *Rhodnius prolixus*, Strain CDC

Catalog No. NR-44077

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)

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/nuccore/ACPB00000000)).

Material Provided:

NR-44077 contains approximately 25 live *R. prolixus* adult kissing bugs.

Note: *R. prolixus* can also be obtained in eggs/N1/N2 larval form (NR-44076).

Packaging/Storage:

NR-44077 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.¹

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: Adult *Rhodnius prolixus*, Strain CDC, NR-44077."

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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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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