

Adult *Rhodnius prolixus*, Strain CDC

Catalog No. NR-44077

This reagent is the tangible property of the U.S. Government.

For research use only. Not for use in humans.

Contributor:

Ellen Dotson, D.Sc., Division of Parasitic Diseases, Centers for Disease Control and Prevention (CDC), Atlanta, Georgia, USA

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/nuccore/ACPB00000000)).

Material Provided:

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

Note: *R. prolixus*, strain CDC 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."

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. 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

Disclaimers:

You are authorized to use this product for research use only. It is not intended for human use.

Use of this product is subject to the terms and conditions of the BEI Resources Material Transfer Agreement (MTA). The MTA is available on our Web site at www.beiresources.org.

While BEI Resources uses reasonable efforts to include accurate and up-to-date information on this product sheet, neither ATCC® nor the U.S. Government makes any warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. Neither ATCC® nor the U.S. Government warrants that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, use and disposal. ATCC® and the U.S. Government are not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to ensure authenticity and reliability of materials on deposit, the U.S. Government, ATCC®, their suppliers and contributors to BEI Resources are not liable for damages arising from the misidentification or misrepresentation of products.

Use Restrictions:

This material is distributed for internal research, non-commercial purposes only. This material, its product or its derivatives may not be distributed to third parties. Except as performed under a U.S. Government contract, individuals contemplating commercial use of the material, its products or its derivatives must contact the contributor to determine if a license is required. U.S. Government contractors may need a license before first commercial sale.

References:

1. Pennington, P., C. B. Beard and J. Anderson. "Care, Maintenance and Handling of Infected Triatomines." In: W. C. Marquardt, Biology of Disease Vectors, Second Edition. Amsterdam: Elsevier Academic Press, Inc., 2004. 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.

ATCC® is a trademark of the American Type Culture Collection.

