Adult *Dermacentor variabilis*

Catalog No. NR-42513

For research use only. Not for human use.

**Contributor:**
Michael L. Levin, Ph.D., Medical Entomology Lab Director, Rickettsial Zoonoses Branch, Centers for Disease Control and Prevention (CDC), Atlanta, Georgia, USA

**Manufacturer:**
CDC, Atlanta, Georgia, USA

**Product Description:**

**Classification:** *Ixodidae, Dermacentor*
**Species:** *Dermacentor variabilis* (common name: American dog tick)
**Original Source:** *Dermacentor variabilis* (*D. variabilis*) ticks were flagged from vegetation in 2003 in Georgia, USA.¹
**Transmission Competent Pathogens:** Colorado tick fever virus, Francisella tularensis and *Rickettsia rickettsii*
**Comment:** This *D. variabilis* colony may contain rickettsial endosymbionts.¹

**Material Provided:**
NR-42513 contains a live, wild-type *D. variabilis* adult tick. Registrants may order up to 50 adults in a given month.
**Note:** *D. variabilis* can also be obtained in larval (NR-44121) or nymph forms (NR-44122).

**Packaging/Storage:**
NR-42513 is prepared and shipped by CDC. The product is provided at room temperature and should be placed in a humidified environmental incubator² or used immediately.

**Growth Conditions:**
All life stages are fed on New Zealand White rabbits. The contributor recommends standardized laboratory conditions for the maintenance of ticks.²

**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 *Dermacentor variabilis*, NR-42513.”

**Biosafety Level:** ¹

**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:**

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