**Product Information Sheet for NR-42512**

**Adult *Rhipicephalus sanguineus***

**Catalog No. NR-42512**

For research use only. Not for human use.

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

**Product Description:**

- **Classification:** *Ixodidae, Rhipicephalus*
- **Species:** *Rhipicephalus sanguineus* (common name: brown dog tick)
- **Original Source:** *Rhipicephalus sanguineus* (R. sanguineus) ticks were removed from the skin of a domestic dog in 2001 in Oklahoma, USA.¹
- **Transmission Competent Pathogens:** *Ehrlichia canis, Rickettsia conorii* and *Rickettsia rickettsii*
- **Comments:** A portion of the 12S small ribosomal RNA from this *R. sanguineus* colony has been sequenced (GenBank: HM138900).² The mitochondrial genome of a representative *R. sanguineus* colony has been sequenced (GenBank: NC_002074).

**Material Provided:**

NR-42512 contains a live, wild-type *R. sanguineus* adult tick. Registrants may order up to 50 adults in a given month. **Note:** *R. sanguineus* can also be obtained in larval (NR-44119) or nymph forms (NR-44120).

**Packaging/Storage:**

NR-42512 is prepared and shipped by CDC. The product is provided at room temperature and should be placed in a humidified environmental incubator³ 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.³

**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 *Rhipicephalus sanguineus*, NR-42512.”

**Biosafety Level:** 1


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**References:**


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