Rhipicephalus sanguineus Larvae

Catalog No. NR-44119

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-44119 contains a live, wild-type R. sanguineus larval batch. Registrants may order up to 10 larval batches in a given month.
Note: R. sanguineus can also be obtained in adult (NR-42512) or nymph forms (NR-44120).

Packaging/Storage:
NR-44119 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: Rhipicephalus sanguineus Larvae, NR-44119.”

Biosafety Level: 1

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References:

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