Rhipicephalus sanguineus Nymph

Catalog No. NR-44120

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-44120 contains a live, wild-type R. sanguineus nymph. Registrants may order up to 200 nymphs in a given month.
Note: R. sanguineus can also be obtained in adult (NR-42512) or larval forms (NR-44119).

Packaging/Storage:
NR-44120 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 Nymph, NR-44120.”

Biosafety Level: 1

Disclaimers:
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References:

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