Amblyomma americanum Nymph

Catalog No. NR-44124
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For research use only. Not for human use.

Contributor:
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Manufacturer:
Centers for Disease Control and Prevention, Atlanta, GA, USA

Product Description:
Classification: Ixodidae, Amblyomma
Species: Amblyomma americanum (common name: lone star tick)
Original Source: Amblyomma americanum (A. americanum) colony was established from adult ticks collected from vegetation in 2003 in Georgia, USA.1
Transmission Competent Pathogens: A. americanum is an arthropod vector competent for transmitting the following pathogens: Ehrlichia chaffeensis, Ehrlichia ewingii and Panola Mountain ehrlichial agent.1
Comments: This A. americanum colony may contain endosymbiotic Coxiiella sp..1 The mitochondrial genome of a representative A. americanum colony has been sequenced (GenBank: NC_027609).2

Material Provided:
NR-44124 contains a live, wild-type A. americanum nymph. Registrants may order up to 500 nymphs in a given month. Note: A. americanum can also be obtained in adult (NR-42514) or larval stages (NR-44123).

Packaging/Storage:
NR-44124 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: Amblyomma americanum Nymph, NR-44124.”

Biosafety Level: 1

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References:

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