Ixodes scapularis Nymph

Catalog No. NR-44116
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For research use only. Not for use in humans.

Contributor:
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Manufacturer:
CDC, Atlanta, Georgia, USA

Product Description:
Classification: Ixodidae, Ixodes
Species: Ixodes scapularis (common name: blacklegged tick or deer tick)
Original Source: Ixodes scapularis (I. scapularis) ticks were flagged from vegetation in 2003 in Rhode Island, USA.
Transmission Competent Pathogens: Anaplasma phagocytophilum, Babesia spp., Borrelia burgdorferi, Ehrlichia muris-like agent, Powassan virus
Comment: The whole genome shotgun sequence of a representative I. scapularis colony is available (GenBank: ABJB00000000).1

Material Provided:
NR-44116 contains a live, wild-type I. scapularis nymph.

Note: I. scapularis can also be obtained in adult (NR-42510) or larval forms (NR-44115).

Packaging/Storage:
NR-44116 is prepared and shipped by CDC. The product is provided at room temperature and should be placed in an incubator 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: Ixodes scapularis Nymph, NR-44116.”

Biosafety Level: 1