**Ixodes scapularis Adult (Live)**

**Catalog No. NR-42510**
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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 names: black-legged tick or deer tick)

**Original Source:** Adult Ixodes scapularis (I. scapularis) ticks were flagged from vegetation in 2003 in Rhode Island, USA.

**Comments:** The whole genome shotgun sequence of a representative I. scapularis colony is available (GenBank: ABJB00000000).¹

I. scapularis is an arthropod vector competent of transmitting the following pathogens: Anaplasma phagocytophilum, Babesia spp., Borrelia burgdorferi, Ehrlichia muris-like agent and Powassan virus.

**Material Provided:**
NR-42510 contains a live wild-type I. scapularis adult tick.

**Note:** I. scapularis can also be obtained in larval (NR-44115) or nymph forms (NR-44116).

**Packaging/Storage:**
NR-42510 is prepared and shipped by the 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 deposited by the Centers for Disease Control and Prevention and obtained through BEI Resources, NIAID, NIH: Ixodes scapularis Adult (Live), NR-42510.”

**Biosafety Level: 1**

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**References:**

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