**Adult Haemaphysalis longicornis**

**Catalog No. NR-51846**
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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, Haemaphysalis

**Species:** Haemaphysalis longicornis (common name: Asian longhorned tick, longhorned tick, bush tick, cattle tick)

**Original Source:** Haemaphysalis longicornis (H. longicornis) colony was established from a parthenogenic strain of ticks flagged from vegetation in 2018 in Yonkers, New York, USA.¹

**Transmission Competent Pathogens:** H. longicornis is an arthropod vector competent for transmitting the following pathogens: Anaplasma bovis, Borrelia sp., Ehrlichia chaffeensis, Powassan virus, severe fever with thrombocytopenia syndrome, spotted fever group Rickettsia sp., Theileria annulata and tick-borne encephalitis virus.¹

**Comments:** The mitochondrial genome of a representative H. longicornis colony has been sequenced (GenBank: NC_037493).²

**Material Provided:**
NR-51846 contains a live wild-type H. longicornis adult tick.

**Note:** H. longicornis can also be obtained in larval (NR-51847) or nymph stages (NR-51848).

**Packaging/Storage:**
NR-51846 is prepared and shipped by the CDC. The product is provided at room temperature and should be placed in an incubator or used immediately.³

**Growth Conditions:**
All H. longicornis 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 deposited by the Centers for Disease Control and Prevention and obtained through BEI Resources, NIAID, NIH: Adult Haemaphysalis longicornis, NR-51846.”

**Biosafety Level:** 2

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**References:**

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