Product Information Sheet for NR-44386

Ixodes pacificus Larvae

Catalog No. NR-44386
This reagent is the tangible property of the U.S. Government. 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 pacificus (common name: western black-legged tick)
Original Source: Ixodes pacificus (I. pacificus) ticks were flagged from vegetation in 2000 in California, USA.¹
Transmission Competent Pathogens: Anaplasma phagocytophilum, and Borrelia burgdorferi
Comments: This I. pacificus colony may contain rickettsial endosymbionts.¹

Material Provided:
NR-44386 contains a live, wild-type I. pacificus larval batch.

Note: I. pacificus can also be obtained in adult (NR-44385) or nymph forms (NR-44387).

Packaging/Storage:
NR-44386 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 I. pacificus 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 pacificus Larvae, NR-44386.”

Biosafety Level: 1

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References:

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