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Official Lab Analysis Order TD-131321

Tested specimen:

• Adult female deer tick (*Ixodes scapularis*) Engorgement level cannot be determined.

In sample TD-131321, laboratory analysis did not detect the presence of Borrelia burgdorferi, Anaplasma phagocytophilum, Babesia microti, Borrelia miyamotoi, Powassan virus General, Anaplasma phagocytophilum - Deer Variant, Anaplasma phagocytophilum - Human Active, Powassan virus Lineage II, and Powassan virus Lineage I.

Pathogen Testing Breakdown:

Pathogen	Associated Disease	Pathogen Presence
Borrelia burgdorferi	Lyme disease	NOT DETECTED
Anaplasma phagocytophilum	anaplasmosis	NOT DETECTED
Babesia microti	babesiosis	NOT DETECTED
Borrelia miyamotoi	B. miyamotoi	NOT DETECTED
Powassan virus General	Powassan virus General	NOT DETECTED
Anaplasma phagocytophilum - Deer Variant	non-human anaplasmosis	NOT DETECTED
Anaplasma phagocytophilum - Human Active	anaplasmosis	NOT DETECTED
Powassan virus Lineage ${\mathbb I}$	Deer Tick Virus	NOT DETECTED
Powassan virus Lineage I	Powassan virus Lineage I	NOT DETECTED

PCR test results were reported by the Northeast Wildlife DNA Laboratory on 05/13/2025 at 4:47 PM.

Report results are provided by the Northeast Wildlife DNA Laboratory in accordance with their standard procedures, terms and conditions. The test result for infectious agent screen does not rule out or confirm the presence of the agent or exposure to the patient. The result is intended to provide you and your physician or veterinarian with important information, when combined with other information, to help determine risk of exposure and subsequent clinical treatment and follow-up.

We keep your tick specimen's DNA on file for two years. To request additional disease tests at any time, call TickLab at 570-422-7892 or email wildlifedna@esu.edu.