TICKNOLOGY

UNIVERSAL TICK TEST

UNREDACTED RESULTS SENT VIA PRIVATE EMAIL

Name: [REDACTED]
Order #: 27546.1
Confirmation #: 23607.1
Date Received: 12/2/2024 4:03:42 PM
Test Analysis: 12/3/2024 2:25:54 PM
Tick Bite Date: 11/27/2024
Tick Location: [REDACTED], Connecticut
Tick Identification: Female Deer tick

TEST ASSESSMENT

The results for the submitted specimen are fully consistent with the presence of Borrelia burgdorferi (sensu lato), Babesia microti and Anaplasma phagocytophilum, and the absence of all other pathogens tested including Bartonella and B. miyamotoi (see table below). My interpretation of these results are based on quantitative thresholds as well as direct comparisons to control groups performed in parallel.

TEST TYPE

Ticknology Tick Tests detect the presence or absence of DNA or RNA associated with the indicated pathogens using a PCR-based method. A “positive” result indicates the presence of the pathogen while a “negative” result indicates the absence of the pathogen in the submitted sample. All tests include both a positive and negative control performed in parallel to ensure the validity of our results.

SUMMARY OF TEST RESULTS

Pathogen	Associated Human Disease	Test Result
Tick DNA/RNA	Positive Control	Pass
Borrelia species (broad detection)	Borreliosis	Positive
Borrelia burgdorferi	Lyme	Positive
Borrelia mayonii	Lyme	Negative
Borrelia miyamotoi	Relapsing fever	Negative
Anaplasma phagocytophilum	Anaplasmosis	Positive
Babesia microti	Babesiosis	Positive
Babesia duncani	Babesiosis	Negative
Bartonella species (broad detection)	Bartonellosis	Negative
Rickettsia rickettsii	Rocky Mtn. spotted fever	Negative
Rickettsia parkeri	Rickettsiosis	Negative
Ehrlichia chaffeensis	Ehrlichiosis	Negative
Ehrlichia ewingii	Ehrlichiosis	Negative
Francisella tularensis	Tularemia	Negative
Ehrlichia muris eauclairensis	Ehrlichiosis	Negative

IMPLICATIONS AND LIMITATIONS OF TICK TESTING

Ticknology tick testing services can be used to determine the risk of exposure to tick-borne pathogens. Our tests utilize a proven highly specific and sensitive method for detecting the presence or absence of DNA associated with the specific pathogens advertised. Thus, it is encouraged that test results be shared immediately with a physician during a consultation.

Our tests are not a substitute for clinical testing, and even though a tick may be positive, it does not necessarily mean that the pathogen has been transmitted to the host. Tick tests do not provide a clinical diagnosis of disease. We do not practice medicine nor do we provide medical advice.

Results from your tick test are kept anonymous. Information about the submitter is used only for the purpose of tracking the sample, handling the payment and any further communication when necessary. Tick tests are not typically covered by medical insurance even though our consultants, and possibly your physician, may advocate having the tick analyzed for risk of infection.

CONTACT INFORMATION

All inquiries should be sent to [REDACTED]. We will store your specimen sample for 1 year unless special requests are made.

[REDACTED]