



Order #48437 | Order Date 5/24/18 @ 11:44 AM ET | Laboratory Received Specimen: 05/29/2018

Package: DNA and RNA Standard Tests

Client Information

Client Name:	Chief Brody	Phone:	5086936100
Address:	po box 174	Email:	rich@mvtimes.com
City/State/Zip:	West Tisbury, MA 02575		
Client Notes:	MVTIMES ORDER		

Host Information

Date Tick Removed:	05/24/2018	Found City:	Chilmark
Found State:	MA	Found Zip:	02535
Label:	--	Source:	outdoors
Gender:	--	Age:	--
Attached:	No	Site of Attachment:	Unknown
Time Attached:	Unknown	Rash Present:	No

Laboratory Identification

Species:	Ixodes scapularis Black-legged or Deer tick
Sex:	male
Stage:	adult
Feeding State:	No visible signs of feeding (flat)

High Resolution Photomicrographs:

Tick photo

Tick photo

Internal Quality Control Tests

TEST	TEST RESULT
Tick DNA Quality	Passed
Tick RNA Quality	Passed

Test Results

PENDING 0	POSITIVE 2	NEGATIVE 10
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PATHOGEN	TEST RESULT	RESULT DATE
Borrelia general species (Lyme or relapsing fever- generic)	Positive	5/30/18 @ 10:03 AM ET
Borrelia burgdorferi sensu lato (Lyme borreliosis- specific)	Positive	5/30/18 @ 10:03 AM ET
Borrelia miyamotoi (Hard tick relapsing fever)	Negative	5/30/18 @ 10:03 AM ET
Borrelia mayonii (Lyme borreliosis)	Negative	5/30/18 @ 10:03 AM ET
Babesia microti (Babesiosis often found in humans)	Negative	5/30/18 @ 10:03 AM ET
Ehrlichia muris-Like Agent (Ehrlichiosis)	Negative	5/30/18 @ 10:03 AM ET
Anaplasma phagocytophilum (Human Granulocytic Anaplasmosis; HGA)	Negative	5/30/18 @ 10:03 AM ET
Powassan virus general species (POW virus)	Negative	5/30/18 @ 10:48 AM ET
Powassan virus (type 2, DTV) (POW virus)	Negative	5/30/18 @ 10:48 AM ET
Heartland virus (Heartland)	Negative	5/30/18 @ 10:48 AM ET
Colorado Tick Fever virus (CTF)	Negative	5/30/18 @ 10:48 AM ET
Bourbon virus (Bourbon virus)	Negative	5/30/18 @ 10:48 AM ET