

DNA CONNEXIONS

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Lab Director: Christopher W. Shade, PhD, NRCC-EAC

Lab Manager: Leslie Douglas, PhD

Patient: Sample, Sally

Doctor: Dr. Somebody

Lyme Panel

Sample Collected

Sample Received

Sample Tested

Test Reported

01/01/2001

01/01/2001

01/01/2001

01/01/2001

Sample type: Urine

Test performed by: L. Douglas

This test utilizes the polymerase chain reaction (PCR) technology to detect the presence of targeted microbial DNA for the causative agent of Lyme disease and common tick-transmitted co-infections. Sensitivity of the test is 1 to 10 microbes with a specificity exceeding 5×10^{18} .

The highlighted microbes were detected in the submitted sample:

Borrelia burgdorferi F7

B. burgdorferi Osp A

B. burgdorferi Osp B

B. burgdorferi Osp C

Babesia microti

Babesia divergens

Babesia duncani

Bartonella bacilliformis

Bartonella henselae

Bartonella quintana

Borrelia miyamotoi

Borrelia recurrentis

Ehrlichia chaffeensis

Anaplasma phagocytophilum

NSA: Species specific target microbial DNA was detected but amplification product was not of expected size. More commonly detected in individuals with long-term infections. Product size differential possibly due to: degraded DNA, mutation of species, unspecified subspecies, other.

Interpretation of Results Disclaimer: DNA Connexions is not a clinical diagnostic laboratory and cannot provide a diagnosis for disease and/or subsequent treatment. These results are from DNA PCR testing, and indicate the presence of disease-causing agents known to be transferred by ticks. A positive result indicates the presence of DNA from B. burgdorferi and/or other tick-transmitted organisms. A negative result only indicates the absence of detectable targeted organismal DNA in the submitted specimen. The information is supplied as a courtesy to health care providers to aide in an overall assessment. This information alone should not be used to diagnose and/or treat a health problem or disease. All reported results are intended for research purposes only and consultation with a qualified health care provider is required.

TEST ID: 4379