

# Lyme Autoimmune

At Home

Blood

## Key Clinical Messages

**Erthema Migrans**  
(Bulleyes-like Rash)

**OTHER SIGNS:**

12 inches or  
more in size

Warm to touch

Tick Bite

## What is the Lyme Autoimmune?

The Lyme Autoimmune Panel is a blood test designed to evaluate immune system responses related to Lyme disease and its potential impact on autoimmunity. Utilizing advanced immunofluorescence and microarray technology, this panel provides insights into immune activation and cross-reactivity, supporting the assessment of chronic Lyme-related immune dysfunction.

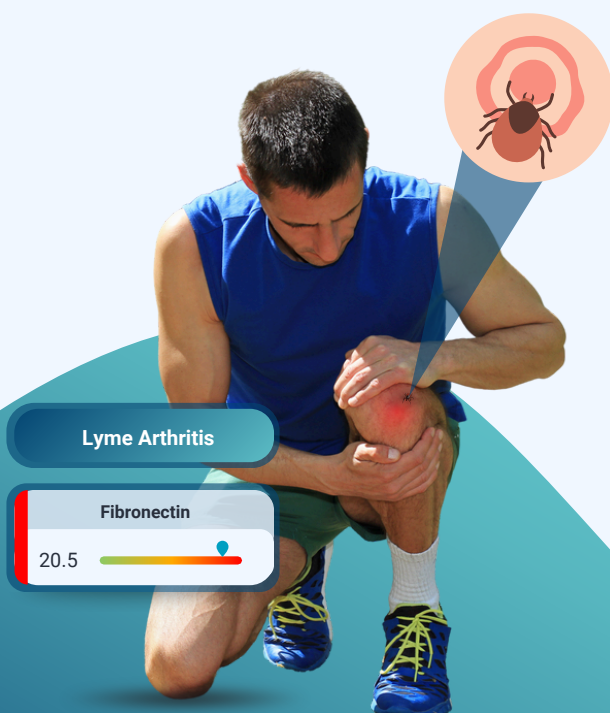
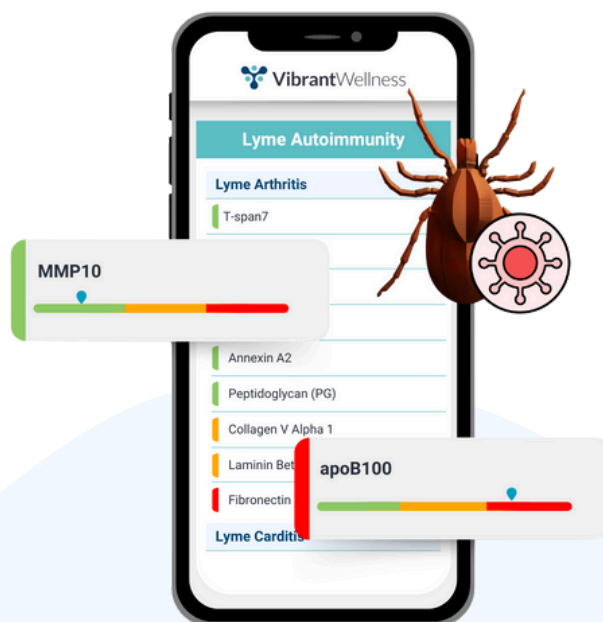
- Detects immune markers associated with Lyme disease and tickborne infections.
- Helps assess chronic inflammation, autoimmunity, and persistent Lyme-related symptoms.

The Lyme Autoimmune Panel is backed by clinical validation, ensuring reliable results that support optimal Lyme disease management and autoimmune care.

8 Lyme Arthritis Markers

2 Lyme Carditis Marker

2 Lyme Neuroborreliosis Markers



## Why Order?

The Lyme Autoimmune Panel is helpful for patients with ongoing or unexplained symptoms following Lyme disease treatment, including joint pain, arthritis, chronic fatigue, or neurological complaints. It's useful in cases where patients present with recurring cardiac symptoms, have a known history of Lyme exposure, or reside in regions where Lyme is prevalent. This panel can help distinguish between active infection, post-infectious immune responses, and autoimmune conditions triggered by Lyme-related pathogens.



**Download  
Sample Report**

## Synergistic Testing Options

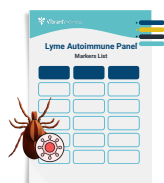
- **Autoimmune Zoomer:** Provides a broader look at autoimmune conditions that may overlap with Lyme disease, offering more comprehensive insights into immune dysfunction and identifying autoimmune responses that could complicate Lyme disease diagnosis and treatment.
- **Inflammation Panel:** Measures key inflammatory markers such as CRP and ESR, which are often elevated in Lyme disease and other autoimmune conditions. This test helps assess systemic inflammation that is commonly seen in Lyme patients.
- **Neurotransmitters Panel:** Helps evaluate neurotransmitter imbalances that may occur in response to Lyme disease and its co-infections. It assesses brain chemistry that could be disrupted by chronic Lyme symptoms like fatigue and cognitive decline.
- **Micronutrient Panel:** Identifies nutrient deficiencies often seen in Lyme patients, especially in key vitamins and minerals that support immune function and inflammation regulation, which may worsen due to chronic illness.

## The Vibrant Advantage

- **Shows Responses to Lyme Disease:** Identifies autoimmune responses linked to Lyme disease and co-infections such as Babesia, Bartonella, and Ehrlichia, providing valuable insights into chronic health issues caused by tickborne infections.
- **Measuring Markers for Early Signs:** Measures antibodies and immune markers that reveal early signs of Lyme disease, enabling timely intervention and reducing the risk of long-term complications like neuroborreliosis and chronic fatigue syndrome.
- **Detecting Early Lyme Autoimmune Activity:** Early detection of Lyme-related autoimmune activity allows for targeted treatment to address symptoms and prevent disease progression.
- **Targeted Personalized Plan:** Helps healthcare providers create personalized management plans that address Lyme disease and co-infections, improving recovery times and reducing the impact on overall health.



## Additional Resources



### Markers One-Sheet



### Patient One-Pager



### Interpretive Guide



### Report Walkthrough



### Limitations

Please note the information provided by Vibrant Wellness is intended solely for research and informational purposes to help inform lifestyle choices aimed at potential risk mitigation. The information is not intended to be used by the patient for any diagnostic purpose and is not a substitute for medical advice by a healthcare practitioner. Please consult a licensed healthcare practitioner for any questions regarding diagnosis, prevention, or treatment of any disease or health assessment.

### Regulatory Disclaimer

Please note the information provided by Vibrant Wellness is intended solely for research and informational purposes to help inform lifestyle choices aimed at potential risk mitigation. The tests were developed, and their performance characteristics were determined by Vibrant America and Vibrant Genomics. They have not been cleared or approved by US Food and Drug Administration. The laboratory is certified under the Clinical Laboratory Improvements Amendments (CLIA) as qualified to perform high complexity testing. The laboratory is also in compliance with College of American Pathologists (CAP) regulations and New York State Department of Health (NYSDOH) regulations.

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