



# Tickborne Complete 2.0

## Identify Hidden Tickborne Infections and Immune Disruptions

Experiencing flu-like symptoms, chronic joint pain, brain fog, or cardiac issues after a known or suspected tick bite? The Tickborne Complete 2.0 Panel offers valuable insight into immune markers linked to Lyme disease and a wide range of co-infections—especially when previous infections may have gone undiagnosed.

Tickborne illnesses are often difficult to detect, leading to misdiagnosis and prolonged symptoms that impact multiple body systems. This comprehensive test evaluates Lyme disease, helping uncover the root of persistent health issues and allows early detection for targeted treatment strategies to support recovery.

With a comprehensive view of tickborne pathogens, the Tickborne Complete 2.0 equips healthcare providers to design personalized treatment plans that address both Lyme disease and related co-infections effectively.

## How It Works

The Tickborne Complete 2.0 is a simple at-home blood and DBS test that provides an extensive view of your health regarding to any symptoms of Lyme disease or other co-infections. It utilizes advanced immunofluorescence, PCR, and microarray technology. This panel provides detailed insights into tickborne pathogen activity, supporting clinical evaluation and symptom management. With clear visuals and personalized insights, this test helps your healthcare provider create a personalized treatment plans to address health issues related to ticks.

## Why Choose the Tickborne Complete 2.0 Test?

- **Catch Tickborne Diseases Early:** Tickborne illnesses can cause chronic, long-term health issues if left untreated. This test helps identify tickborne infections at an early stage, enabling timely intervention.
- **Take Control of Your Health:** If you suspect a tickborne illness, the Tickborne Complete 2.0 provides clear, actionable results that help you understand your health status and guide your healthcare provider to develop a targeted treatment plan.
- **A Personalized Treatment Plan for Tickborne Health:** With detailed insights into tickborne infections, your healthcare provider can create a customized treatment plan to address co-infections and Lyme-related health issues, improving long-term wellness and preventing disease progression.

Lyme disease

Borrelia burgdorferi C6 peptide

IgG 13.4



## Key Markers Include:

- **Borrelia burgdorferi VlsE1 (Lyme Disease):** Indicates active Lyme disease and helps differentiate between early and late-stage. Early-stage symptoms include fatigue, fever, and a characteristic bull's-eye rash, while late stages may involve chronic joint inflammation, neurological symptoms, or cardiac issues.
- **Babesia Microti:** Detects a parasite causing babesiosis, a severe red blood cell infection linked to flu-like symptoms and anemia.
- **Bartonella henselae:** Identifies Bartonella, linked to cat scratch fever and chronic neurological symptoms some which include irritability and brain fog.
- **Powassan Virus:** Detects a rare tickborne virus associated with encephalitis and severe neurological outcomes.
- **Anaplasma phagocytophilum:** Indicates anaplasmosis, causing flu-like symptoms and systemic inflammation.

The Tickborne Complete 2.0 evaluates a wide range of pathogens associated with Lyme disease, relapsing fever, and co-infections like Babesia and Bartonella. By identifying immune responses and DNA of these pathogens, the test empowers patients and providers to address the root causes of chronic symptoms.



## Who Should Take This Test?

- **Experiencing Fatigue, Fever or Joint Pain?** If you are experiencing any of these symptoms, it could be signs of a tickborne infection like Lyme disease or a related co-infection.
- **Having Persistent Symptoms Without a Clear Diagnosis?** Ongoing fatigue, pain, or cognitive issues with no obvious cause may be linked to underlying infections from tick exposure.
- **Live Near or Travel to a Tick-Endemic Environment?** Exposure to tick-prone areas can increase the risk of developing infections that often go undetected.
- **Searching For Answers Related to Autoimmune Symptoms?** Chronic inflammation, joint pain, or brain fog may be signs of an underlying infection that are often mistaken as autoimmune issues.

## Take the First Step Towards Better Health

If you're experiencing symptoms that resemble autoimmune conditions like fatigue, fever, or joint pain, the Tickborne Complete 2.0 may provide the clarity you need. This advanced test offers detailed insights and accurate detection of Lyme disease and co-infections, helping you and your healthcare provider move toward a clear diagnosis and a targeted path to recovery.

### 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.

The panel is approved for Borrelia burgdorferi Antigens by the New York State Department of Health.

### 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.