



LYME IMMUNOBLOT GETS FDA CLEARANCE

The Lyme disease IgG ImmunoBlot test currently offered at IGeneX as a laboratory-developed test (LDT) has been converted to a test kit. This kit has received clearance from the FDA.

ImmunoBlots
ARE CLEAR
AND PRECISE.

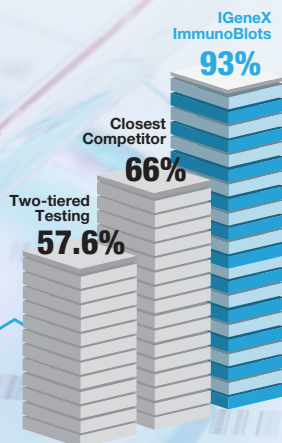


ADVANTAGES OF THE IGENEX IMMUNOBLOT

- ✓ 93% sensitive for Lyme disease
- ✓ Detects early, active, and late-stage disease
- ✓ IGeneX's most prescribed test

Sources

The Accuracy of Diagnostic Tests for Lyme Disease in Humans (Waddell et al., 2016)
An Ultra-High-Density Protein Microarray for High Throughput Single-Tier Serological Detection of Lyme Disease (Jayaraman et al., 2020)
Pilot Study of Immunoblots with Recombinant *Borrelia burgdorferi* Antigens for Laboratory Diagnosis of Lyme Disease (Liu et al., 2018)



WHY IGENEX FOR TICK- BORNE DISEASE TESTING?

Trusted by Doctors

Over 10,000 doctors have put their trust in IGeneX to deliver timely, reliable results.

Loved by Patients

Since 1991, IGeneX has tested thousands of patients, who, in many cases, have spent years trying to get the right diagnosis.

Comprehensive Testing

IGeneX tests for Lyme disease, Tick-Borne Relapsing Fever, Bartonellosis, Babesiosis, Rickettsiosis, and Ehrlichiosis/Anaplasmosis.

Fully Licensed

IGeneX is certified by CLIA and CMS to perform high-complexity tests in all 50 states.



CONTACT IGENEX

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ARE YOU SUFFERING FROM A TICK-BORNE ILLNESS?



CHILLS, MUSCLE PAIN, HEADACHE, FLU,
FATIGUE, FEVER, JOINT PAIN, AND
BELL'S Palsy ARE COMMON SYMPTOMS
OF TICK-BORNE DISEASE.

GET TESTED, AND GET YOUR LIFE BACK.



Better Results Through Better Testing.

www.igenex.com

IDENTIFYING TICK BITES

Erythema migrans, or the “bulls-eye” rash, is a fairly common symptom that occurs in people who have been bitten by a tick. However, not all tick bites will result in a rash, and not all tick bite rashes look the same. Below are images from real IGeneX patients who were bitten by a tick.



3 REASONS WHY YOU NEED

ADVANCED TICK-BORNE DISEASE TESTING

1 TBDs are Increasing

Lyme disease, the most prevalent tick-borne disease, infects four times more people than HIV, tuberculosis, and syphilis combined. The increased spread of ticks and transmission from household pets are major causes.



2 Standard Tests are Unreliable

The sensitivity of standard testing done at most hospitals is just above 50%, resulting in many false negatives. Standard tests have the accuracy of a coin flip.



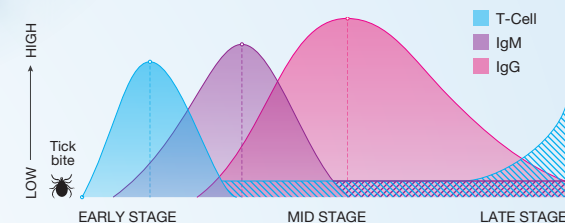
3 Misdiagnosis Leads to Staggering Long-Term Costs

In a study of 300 IGeneX patients, 76% were unsuccessfully diagnosed using standard ELISA/Western Blot testing. In addition, 35% spent more than \$10,000 on tests, treatments, and other costs associated with their disease.



KNOWING WHICH TESTS TO CHOOSE AND WHEN

A T-cell test or PCR test is advised in the early stage of disease. IgM antibodies develop in 1-2 weeks, and are the first response to an infection. IgG antibodies develop later, providing long-term immunity and memory of past infections. During these stages, the IGeneX IgM/IgG Multi-Species ImmunoBlots are recommended. The ImmunoBlots are IGeneX's most prescribed tests.



IGENEX HAS YOU COVERED

IGeneX provides multiple tests for each of the major tick-borne diseases. Multi-Species ImmunoBlots, IgXSpot, BCA and IFA are indirect tests, and measure the immune system's response to an infection. PCR, cePCR and FISH are direct tests, which identify the pathogen.

DISEASE	TESTS
Lyme disease	Multi-Species ImmunoBlots, Serology, IgXSpot, IFA, PCR, BCA, cePCR
TBRF	Multi-Species ImmunoBlots, PCR, BCA, cePCR
Bartonellosis	Multi-Species ImmunoBlots, IgXSpot, IFA, FISH, PCR, cePCR
Babesiosis	Multi-Species ImmunoBlots, IFA, FISH, PCR, cePCR
Rickettsiosis	IFA, PCR, cePCR
Ehrlichiosis	IFA, PCR, cePCR
Anaplasmosis	IFA, PCR, cePCR

A **test panel**, which combines multiple test methods, yields the best results and also offers significant savings.