

# ECO LABORATORY

One Acton Place • Suite 102 • Acton, Massachusetts • 01720  
(978) 274-2943 • [www.ticktests.com](http://www.ticktests.com)

## ECO Laboratory Services

### Lyme IgG Western Blot

This assay is intended to be used for the testing of human serum samples which have been found to be positive or equivocal by EIA or IFA assays. A positive result is presumptive evidence of infection with *B. burgdorferi*, the causative agent for Lyme disease.

Collect under aseptic conditions. Avoid hemolysis by prompt separation of the serum from the clot. Specimens can be shipped in the red top tube (serum separator tube) after centrifugation.

Specimen Requirements for testing:

Type of Specimen: Serum  
Volume: 0.5mL  
Minimum Volume: 0.2mL  
Storage: Refrigerate at 2-8°C  
Stability: 7 days at 2-8°C  
3-6 months at -20°C  
Shipping: Ambient  
Turnaround Time: 24-48 hours from receipt  
CPT Code: 84181

### *B. burgdorferi* (Lyme disease), *B. miyamotoi*, *B. microti* (Babesia parasite), Anaplasma (HGA) Ehrlichia chaffeensis (HME) and Powassan/Deer Tick Virus (POWV/DTV) Detection in Ticks by PCR

DNA and RNA detection by Polymerase Chain Reaction (PCR) in ticks.

Specimen Requirements for testing:

Type of Specimen: Tick (dead or alive)  
Storage: Ambient  
Turnaround Time: 24-48 hours from receipt  
CPT Code: 87168 (tick ID) 87801 (PCR)