**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 2-8oC

Stability: 7 days at 2-8oC

3-6 months at -20oC

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)