



Lyme Diagnostics

Total Lyme Testing Solutions

Gold Standard Diagnostics is the only company offering kits in the U.S. to fulfill Lyme testing requirements for both the Standard and Modified two-tiered testing algorithms. Our four EIA kits and two Immunoblot kits allow flexibility for your lab to meet your clients' needs. All products are FDA cleared, and testing can be fully automated on open processing platforms.

GSD's *B. burgdorferi* VlsE-OspC IgG/IgM EIA Assay

Gold Standard Diagnostics' *B. burgdorferi* IgG/IgM VlsE-OspC ELISA includes recombinant VlsE and OspC antigens to achieve sensitivity comparable to a standard first tier screening assay and specificity comparable to an immunoblot.

The *B. burgdorferi* VlsE-OspC IgG/IgM EIA assay uses the GSD Standard Lyme EIA protocol with a 15/15/15 incubation.

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Recombinant Antigen Assay: *B. burgdorferi* IgG/IgM VlsE-OspC ELISA

Includes the recombinant antigens VlsE and OspC to achieve excellent sensitivity and specificity.

GSD Whole-Cell Sonicate ELISA Kits: *B. burgdorferi* IgG/IgM, IgG, IgM ELISA

■ SUPERIOR SENSITIVITY

Includes antigens from *B. burgdorferi* strains B31 and 2591.

■ OPTIMAL SPECIFICITY

Contains VlsE immunogenic lipoprotein.

■ CONVENIENT

Kit includes ready to use controls for ease of use.

■ AUTOMATABLE

Simple procedure is easy to automate.

GSD Immunoblot Confirmation

■ NATIVE ANTIGEN STRUCTURE

The 3D (tertiary) antigen structure is maintained, unlike denatured Western blot proteins which only retain primary structure.

■ IgG AND IgM IMMUNOBLOTS

Separate IgG and IgM immunoblot assays are available containing the CDC recommended specific antigens required for Immunoblot interpretation.

■ ROBUST STRIPS

Strips are stabilized with a plastic backing and fixed in a booklet, making them easy to handle.

■ EASILY AUTOMATABLE

Strips are durable, easy to identify, automatable, with an incubation time of 30/30/10.

■ FAST AND SIMPLE PROCEDURE

Protocols include 1:100 serum dilution.

■ INTUITIVE RESULTS

Easy to read, precisely defined results, with internal test controls (serum and conjugate bands) and kit positive, negative, and cut off controls.

ORDERING INFORMATION - ELISA & IMMUNOBLOT ASSAYS

| Product | Order No. | Format |
|---|------------|----------|
| GSD <i>Borrelia burgdorferi</i> VlsE-OspC IgG/IgM ELISA | GSD01-1027 | 96 tests |
| GSD <i>Borrelia burgdorferi</i> IgG/IgM ELISA | GSD01-1031 | 96 tests |
| GSD <i>Borrelia burgdorferi</i> IgG ELISA | GSD01-1025 | 96 tests |
| GSD <i>Borrelia burgdorferi</i> IgM ELISA | GSD01-1026 | 96 tests |
| GSD <i>B. burgdorferi</i> 831 IgG Immunoblot | GSD01-1022 | 50 tests |
| GSD <i>B. burgdorferi</i> 831 IgM Immunoblot | GSD01-1023 | 50 tests |

ALL ABOVE REFERENCED PRODUCTS ARE FDA CLEARED



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