



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 New *B. burgdorferi* VlsE-OspC IgG/IgM EIA Assay

Gold Standard Diagnostics' newest Lyme assay includes the recombinant antigens VlsE and OspC to achieve excellent sensitivity and specificity; the sensitivity is comparable to a standard first tier screening assay and the specificity is 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.

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.

■ CONVENIENT

Kit includes ready to use controls for ease of use.

■ AUTOMATABLE

Simple procedure is easy to automate.

■ 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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