

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: B65307B **Lot #:** 6L34017

Description: Rabbit anti *B. burgdorferi*
Rabbit Antibody to *Borrelia burgdorferi*
Biotin Conjugated

Specificity: Reactive Western blot bands at 83 kDa, 41 kDa, 34 kDa and 31 kDa and additional low MW bands. Cross-reacts with *Treponema pallidum*, *B. hermsii* and *B. parkerii*.

Host Animal: Rabbit

Immunogen: Whole cell preparation from *B. burgdorferi*.

Format: Biotin, Liquid

Purification: IgG fraction covalently coupled with the N-Hydroxysuccinimide ester of Biotin under mild conditions to give a high degree of substitution.

Concentration: 4-5 mg/mL (OD_{280nm}, E^{0.1%} = 1.4)

Buffer: 0.01 M Phosphate Buffered Saline, pH 7.2
No stabilizing proteins have been added.

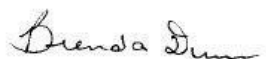
Preservative: 0.1% Sodium Azide

Applications: Suitable for use in IHC with formalin fixed/paraffin embedded sections. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Short-term (up to 6 months) store at 2-8° C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

Safety Notes (s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

References: The reference listed below is for research purposes only:
Marques, Adriana R., et al., (2005), "Detection of Immune Complexes is not Independent of Detection of antibodies in Lyme Disease Patients and does not confirm active infection with *Borrelia burgdorferi*", Clinical and Diagnostic Laboratory Immunology, **12**(9), 1036-1040.



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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY