

CERTIFICATE OF ANALYSIS

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

Catalog #: B65302R **Lot #:** 3F16921

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

Specificity: Reactive Western blot bands at 83 kD, 41 kD, 34 kD and 31 kD 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*.
Strain: B31 ATCC #35210

Format: Purified, Liquid

Purification: > 95% pure. Protein A Chromatography

Concentration: 4–5 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: 0.01 M Phosphate Buffered Saline, pH 7.2
Product contains no stabilizing proteins.

Preservative: 0.1% Sodium Azide

Applications: Suitable for use in ELISA, IFA, Western Blot and Immunohistochemistry (formalin fixed/paraffin). IFA specimens should be acetone-fixed for best results. Also suitable for conjugation purposes. 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 Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

References: The reference listed below is for research purposes only:
Marques, AR., 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.

Quality Signature:



18 JUN 2021

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY