

## CONTRCERTIFICATE OF ANALYSIS

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

**Catalog #:** B65303F **Lot #:** 13C08822

**Description:** Rabbit anti *B. Burgdorferi*  
Rabbit Antibody to *Borrelia burgdorferi* (Lyme)  
Fluorescein Conjugated

**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* & *B. parkerii*.

**Host Animal:** Rabbit

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

**Format:** FITC, Liquid

**Purification:** Covalently coupled with high purity Isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product.

**Concentration:** 4-5 mg/mL (OD280nm, E<sup>0.1%</sup> = 1.4)

**Buffer:** 0.01 M Phosphate Buffered Saline, pH7.2 containing 10 mg/mL BSA.

**Preservative:** 0.1% Sodium Azide

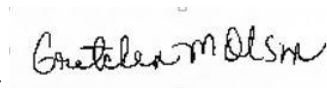
**Applications:** Suitable for use in direct IFA, Western Blot and Immunohistochemistry (formalin fixed/paraffin). Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

**Storage:** Store (up to 6 months) at 2–8°C under subdued light. 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.

Quality Signature:



30 MAR 2022

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**