

CERTIFICATE OF ANALYSIS

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

Catalog #: R01526 **Lot #:** 2B03421

Description: *B. burgdorferi* Recombinant
Borrelia burgdorferi flagellin (a.a. 197-274), Recombinant

Recombinant *Borrelia burgdorferi* p14 antigen produced from the internal fragment (amino acids 197-274) of the 41- kDa flagellin protein. Contains a His-tag at the N-terminus. Molecular weight calculated from the amino acid sequence is 16.4 kDa.

Source: *E. coli*

Format: Purified, Liquid

Purification: ~95% pure (SDS-PAGE)

Concentration: 1.47 mg/mL (Bradford Method)

Buffer: 20 mM Phosphate, pH 8., 1 M Sodium Chloride, 0.1% Polyoxyethylene(10)Tridecylether.

Preservative: None

Applications: Suitable for use in ELISA (1.7 to 6.8 µg/mL), Lateral Flow assays, and Western Blot. This product has also been used as a positive control in ELISA, CLIA and Lateral Flow assays. 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 at -20°C. Aliquot to avoid multiple freeze/thaw cycles.

Inactivation: Not Applicable

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

Quality Signature:



04 FEB 2021

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY