

## CERTIFICATE OF ANALYSIS

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

**Catalog #:** R01523 **Lot #:** 6I26522

**Description:** *B. burgdorferi* VlsE, Recombinant  
*Borrelia burgdorferi* Variable major protein-like sequence expressed (VlsE), Recombinant.

Recombinant *Borrelia burgdorferi* VlsE antigen produced from the complete ORF of the variable major protein-like sequence expressed. Contains a His-tag at the N-terminus. Relative molecular weight calculated from the amino acid sequence is 36,678.82 Da.

**Source:** *E. coli*

**Format:** Purified, Liquid

**Purification:** 95% pure (SDS-PAGE).

**Concentration:** 1.57 mg/mL (Bradford Method)

**Buffer:** 20 mM Phosphate pH 7, 0.1 M Potassium Chloride, 0.1% Polyoxyethylene(10)Tridecylether.

**Preservative:** None

**Applications:** Suitable for IgG and IgM detection in ELISA (0.32 µg/mL), Dot Blot and Western Blot. 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 the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



21 Sep 2022

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**