

CERTIFICATE OF ANALYSIS

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

Catalog #: R01609 **Lot #:** 7D09722

Description: *B. afzelii* VlsE Recomb.
Borrelia afzelii VlsE Recombinant

Borrelia afzelii VlsE recombinant protein contains a His-tag in its N-Terminus. Molecular weight calculated from the amino acid sequence is 30.6 kDa.

Source: *E. coli*

Format: Purified, Liquid

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

Concentration: 1.235 mg/mL (OD280nm, E^{0.1%} = 0.636)

Buffer: 20 mM Phosphate Buffer, pH 7 containing 0.5 M Sodium Chloride and 0.1% Polyoxyethylene (10) Tridecyl Ether.

Preservative: None

Applications: Suitable for use in ELISA and Western Blot applications. 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: Upon receipt, store at -20°C to -80°C. Avoid multiple/freeze thaw cycles.

Inactivation: Not Applicable

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

Beverly L. Orr

Quality Signature:

08 April 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY