



## B. burgdorferi VlsE (95%) (DAGA-495)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	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 39,926.9 Da.
<b>Purity</b>	>95% by SDS-PAGE
<b>Conjugate</b>	His
<b>Applications</b>	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.
<b>Molecular Weight</b>	39.926 kD
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements
<b>Buffer</b>	20 mM Phosphate, pH 7, 1 M Sodium Chloride, 0.1% Polyoxyethylene(10)Tridecylether.
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C to -81°C

### BACKGROUND

**Keywords** B burgdorferi; Lyme disease; Osp-A; Spirochaetaceae; Borrelia