



Recombinant *Borrelia burgdorferi* VlsE1 (DAG-WT149)

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

PRODUCT INFORMATION

Antigen Description	Recombinant <i>Borrelia burgdorferi</i> (strain B31) variable major protein (VMP) like sequence Expressed 1 (VlsE1). Full-length cDNA coding for <i>Borrelia burgdorferi</i> VlsE1 fused to a deca-histidine purification tag
Purity	>80% as determined by SDS-PAGE
Conjugate	His
Applications	Immunoassays
Molecular Weight	35kDa
Format	Liquid
Size	1 mg
Buffer	Neutral to slightly alkaline pH and 20% glycerol
Preservative	None
Storage	Store at -70°C or below. Avoid freeze / thaw cycles

BACKGROUND

Introduction	Variable major protein like sequence E1 protein (VlsE1) is a borrelial surface protein suggested to be the most sensitive protein for IgG antibody detection in all stages of Lyme disease. Please note that in the United States recombinant expression of this antigen and use in diagnostic assays is protected by several patents.
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Keywords

Borrelia burgdorferi; B. burgdorferi; Variable major protein like sequence E1 protein; Lyme disease
