



Recombinant *Borrelia bavariensis* DbpA (DAG-WT146)

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

PRODUCT INFORMATION

Antigen Description	Recombinant <i>Borrelia bavariensis</i> (strain PBi) decorin-binding protein A (DbpA). Full-length cDNA coding for <i>Borrelia bavariensis</i> DbpA fused to a deca-histidine purification tag
Purity	>80% as determined by SDS-PAGE
Conjugate	His
Applications	Immunoassays
Molecular Weight	18kDa
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	<i>Borrelia bavariensis</i> is one of the pathogens of the <i>Borrelia burgdorferi</i> sensu lato complex and causative agent of Lyme disease, mainly in Europe. Decorin binding protein A (DbpA), also referred to as Osp17 or p17, has a molecular size of approximately 17 kDa and is expressed during the mammalian phase of infection. DbpA is associated with binding of the pathogen to host collagen-associated proteoglycan decorin.
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Keywords

Borrelia bavariensis; *B. bavariensis*; Decorin binding protein A; Lyme disease
