



Recombinant *Borrelia spielmanii* DbpA (DAG-WT148)

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

PRODUCT INFORMATION

Antigen Description	Recombinant <i>Borrelia spielmanii</i> (strain A14S) decorin-binding protein A (DbpA). Full-length cDNA coding for <i>Borrelia spielmanii</i> DbpA fused to a deca-histidine purification tag
Purity	>80% as determined by SDS-PAGE
Conjugate	His
Applications	Immunoassays
Molecular Weight	17kDa
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	DbpA, also named p17 or Osp17, is a diagnostically relevant but heterogeneous protein among the human pathogenic <i>B. burgdorferi</i> sensu lato species. It has been shown that integration in serologic borreliosis assays significantly improves sensitivity of IgG and IgM detection in patient sera.
Keywords	<i>Borrelia spielmanii</i> ; <i>B. spielmanii</i> ; Decorin binding protein A; Lyme disease