



Recombinant *Borrelia Afzelii* Outer Surface Protein A (Osp A) [GST] (DAG-WT316)

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

PRODUCT INFORMATION

Antigen Description	The full length of <i>Borrelia afzelii</i> OspA (amino acids 1 – 273) is expressed with GST in <i>E. coli</i> .
Purity	> 90% , as determined by SDS-PAGE
Conjugate	GST
Applications	ELISA/LF
Molecular Weight	56 kDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	1 mg
Buffer	PBS, pH 7.4
Preservative	None
Storage	Store at -80°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction	<p><i>Borrelia afzelii</i> is a species of <i>Borrelia</i> a bacterium that can infect various species of vertebrates and invertebrates. Among 30 <i>Borrelia</i> known species, it is one of four which are likely to infect humans causing a variant of Lyme disease. Coinfection by this <i>Borrelia</i> species with one or more pathogens can occur, carried by the vector, which appears to be in most cases the tick.</p>
Keywords	<i>Borrelia afzelii</i> ; Outer Surface Protein A; Osp A