



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 Borrelia afzelii OspA (amino acids 1 – 273) is expressed with GST in E. coli.
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	Borrelia afzelii is a species of Borrelia a bacterium that can infect various species of vertebrates and invertebrates. Among 30 Borrelia known species, it is one of four which are likely to infect humans causing a variant of Lyme disease. Coinfection by this Borrelia species with one or more pathogens can occur, carried by the vector, which appears to be in most cases the tick.
Keywords	Borrelia afzelii; Outer Surface Protein A; Osp A