



Recombinant *B. afzelii* OspA [His] (DAG2668)

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

PRODUCT INFORMATION

Product Overview	Recombinant <i>Borrelia afzelii</i> OspA antigen. Expressed in <i>E. coli</i> bacterial cells. Full-length cDNA coding for <i>Borrelia afzelii</i> OspA fused to a hexa-histidine purification tag.
Species	<i>B. afzelii</i>
Conjugate	His
Applications	ELISA
Format	Liquid
Buffer	neutral to slightly alkaline pH and 20 % glycerol as cryoprotective agent.
Preservative	None
Storage	Store at -70°C or below. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	<i>Borrelia afzelii</i> is a species of <i>Borrelia</i> that can infect various species of vertebrate and invertebrates. Among thirty <i>Borrelia</i> known species, it is one of 4 which is likely to infect humans causing a variant of Lyme disease. It seems fairly common that coinfection combine this <i>Borrelia</i> specie to another one or to other pathogens carried by the vector, which appears to be in most cases the tick.
Keywords	<i>Borrelia afzelii</i> ; <i>B. afzelii</i> ; <i>Borrelia afzelii</i> OspA; <i>B. afzelii</i> OspA; OspA