



# Recombinant *B. afzelii* BmpA [His] (DAG2669)

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

## PRODUCT INFORMATION

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

## BACKGROUND

<b>Introduction</b>	<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.
<b>Keywords</b>	<i>Borrelia afzelii</i> ; <i>B. afzelii</i> ; <i>Borrelia afzelii</i> BmpA; <i>B. afzelii</i> BmpA; BmpA