



# Recombinant Borrelia Afzelii p83/100 [GST] (DAG-WT318)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Borrelia afzelii p83/100 (amino acids 20 – 663) expressed with Glutathione S-Transferase as fusion protein in <i>E. coli</i> .
<b>Purity</b>	> 85% , as determined by SDS-PAGE
<b>Conjugate</b>	GST
<b>Applications</b>	ELISA/LF
<b>Molecular Weight</b>	99.8 kDa
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements
<b>Size</b>	1 mg
<b>Buffer</b>	PBS, pH 7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at -80°C. Avoid multiple freeze/thaw cycles.

## BACKGROUND

<b>Introduction</b>	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.
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