



## Recombinant *B. bavariensis* P58 [His] (DAG2665)

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

### PRODUCT INFORMATION

<b>Product Overview</b>	Recombinant <i>Borrelia garinii</i> p58 antigen. Expressed in <i>E. coli</i> bacterial cells. Full-length cDNA coding for <i>Borrelia garinii</i> p58 fused to a hexa-histidine purification tag.
<b>Species</b>	<i>B. bavariensis</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>	<p><i>Borrelia</i> is a genus of bacteria of the spirochete phylum. It causes borreliosis, a zoonotic, vector-borne disease transmitted primarily by ticks and some by lice, depending on the species. There are 36 known species of <i>Borrelia</i>. Of the 36 known species of <i>Borrelia</i>, 12 of these species are known to cause Lyme disease or borreliosis and are transmitted by ticks. The major <i>Borrelia</i> species causing Lyme disease are <i>Borrelia burgdorferi</i>, <i>Borrelia afzelii</i>, <i>Borrelia garinii</i> and <i>Borrelia valaisiana</i>.</p>
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<b>Keywords</b>	Borrelia bavariensis p58; Borrelia bavariensis; <i>B. bavariensis</i> p58; <i>B. bavariensis</i> ; p58
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