



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

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

PRODUCT INFORMATION

Product Overview	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.
Species	<i>B. bavariensis</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</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> .
Keywords	<i>Borrelia bavariensis</i> p58; <i>Borrelia bavariensis</i> ; <i>B. bavariensis</i> p58; <i>B. bavariensis</i> ; p58