



Recombinant *B. burgdorferi* DbpB [His] (DAG2664)

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

PRODUCT INFORMATION

Product Overview	Recombinant <i>Borrelia burgdorferi</i> DbpB antigen. Expressed in <i>E. coli</i> bacterial cells. Full-length cDNA coding for <i>Borrelia burgdorferi</i> DbpB fused to a hexahistidine purification tag.
Species	<i>B. burgdorferi</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 burgdorferi</i> is a spirochete and the cause of Lyme disease, a tick transmitted illness of humans and animals. <i>B. burgdorferi</i> may persist in humans and animals for months or years following initial infection, despite a robust humoral immune response. <i>B. burgdorferi</i> resembles other spirochetes in that it is a highly specialized, motile, two-membrane, spiral shaped bacteria which lives primarily as an extracellular pathogen. <i>B. burgdorferi</i> has an unusual genome compared with other eubacteria which includes a linear chromosome approximately one megabase in size and numerous linear and circular plasmids.
Keywords	<i>B. burgdorferi</i> ; <i>Borrelia burgdorferi</i> ; <i>B. burgdorferi</i> DbpB; <i>Borrelia burgdorferi</i> DbpB; DbpB