



Recombinant *B. burgdorferi* P100 [His] (DAG2660)

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

PRODUCT INFORMATION

Product Overview Recombinant *Borrelia burgdorferi* p100 antigen, Expressed by recombinant baculovirus (*Autographa californica* multiple nuclear polyhedrosis virus; AcMNPV) infection of *Spodoptera frugiperda* Sf9 insect cells. Full-length cDNA coding for *Borrelia burgdorferi*

Species *B. burgdorferi*

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 *Borrelia burgdorferi* is a spirochete and the cause of Lyme disease, a tick transmitted illness of humans and animals. *B. burgdorferi* may persist in humans and animals for months or years following initial infection, despite a robust humoral immune response. *B. burgdorferi* resembles other spirochetes in that it is a highly specialized, motile, two-membrane, spiral shaped bacteria which lives primarily as an extracellular pathogen. *B. burgdorferi* 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 *B. burgdorferi*; *Borrelia burgdorferi*; *B. burgdorferi* p100; *Borrelia burgdorferi* p100; P100