



Recombinant *Borrelia burgdorferi* Ct Antigen (DAG-WT336)

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

PRODUCT INFORMATION

Purity	> 90% , as determined by SDS-PAGE
Conjugate	Unconjugated
Applications	Immunoassays
Molecular Weight	23 kDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	100 µg
Buffer	20 mM Tris-HCl pH 7.5; 10 mM β-mercaptoethanol
Preservative	None
Storage	Store at -80°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction	Borrelia burgdorferi are bacterial species of the spirochete class in the genus <i>Borrelia</i> , some of which cause Lyme borreliosis (also known as Lyme disease) in humans. The name <i>Borrelia burgdorferi</i> refers to two different concepts: <i>B. burgdorferi</i> sensu stricto is a specific bacterial genospecies and <i>B. burgdorferi</i> sensu lato is the species complex containing the etiological agents of Lyme disease. The complex currently comprises 20 accepted and 3 proposed genospecies. <i>B. burgdorferi</i> sensu stricto exists in North America and Eurasia and until 2016 was the only known cause of Lyme disease in North America (<i>Borrelia mayonii</i> , found in the
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midwestern US, and *B. bissettiae* are also known to cause the disease).

Keywords

Borrelia burgdorferi; Cp antigen; OspC
