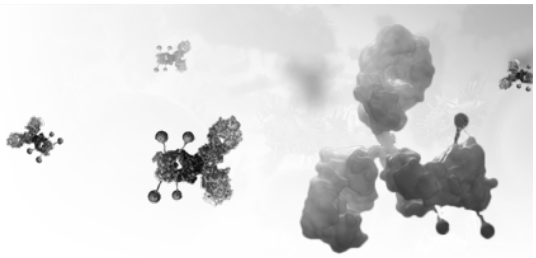

Recombinant Borrelia Burgdorferi Sensu Stricto Outer Surface Protein C (Osp C) [GST] (DAG-WT319)

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

PRODUCT INFORMATION

Antigen Description	The full length of Borrelia burgdorferi sensu stricto OspC (amino acids 1 – 210) is expressed with Glutathione S- Transferase in E. coli.
Purity	> 90% , as determined by SDS-PAGE
Conjugate	GST
Applications	ELISA/LF
Molecular Weight	48.3 kDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	1 mg
Buffer	PBS, pH 7.4
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 Borrelia, some of which cause Lyme borreliosis (also known as Lyme disease) in humans. The name Borrelia

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	burgdorferi refers to two different concepts: B. burgdorferi sensu stricto is a specific bacterial genospecies and B. burgdorferi sensu lato is the species complex containing the etiological agents of Lyme disease. The complex currently comprises 20 accepted and 3 proposed genospecies. B. burgdorferi sensu stricto exists in North America and Eurasia and until 2016 was the only known cause of Lyme disease in North America (Borrelia mayonii, found in the midwestern US, and B. bissettiae are also known to cause the disease).
Keywords	Borrelia burgdorferi; Outer Surface Protein C; Osp C

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