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## ospA Antibody Blocking Peptide

Catalog Number: bs-12879P

Activity: Not tested

Purification: HPLC

Storage: Shipped at 4°C. Stored at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: *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.