

Product Datasheet

OspA Control protein (orb345966)

Description

OspA Control protein

Conjugation

Unconjugated

Tested Applications

ELISA, SDS-PAGE, WB

Preservatives

0.01% (w/v) Sodium Azide

Form/Appearance

Liquid (sterile filtered)

Concentration

1 mg/ml

Storage

Store vial at -20 °C prior to opening. Aliquot contents and freeze at -20 °C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. Dilute only prior to immediate use.

Note

For research use only

Application notes

OspA is suitable as a control in immunological assays. Specific conditions for reactivity should be optimized by the end user. Expect a band at 70.5 kDa for OspA-MBP, (28.1 kDa for OspA and 42.4 for MBP) in size corresponding to OspA by Western blotting in the appropriate cell lysate or extract. Outer-Surface Protein A has been tested in SDS-page and western blot.

Purity

OspA is a fusion protein with an MBP tag and was expressed in E. coli. Analysis by SDS-PAGE resulted in a pattern consistent with purified OspA and was estimated to be greater than 90% pure.

Source

Borrelia burgdorferi

Uniprot ID
P0CL66
NCBI
WP_010890378.1
Dilution Range

ELISA: User Optimized, WB: User Optimized

Expiration Date

6 months from date of receipt.