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Product Datasheet

OspA Control protein (orb345966)

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Description ^{nts.}	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	POCL66
NCBI	WP_010890378.1
Dilution Range	ELISA: User Optimized, WB: User Optimized
Expiration Date	6 months from date of receipt.

Biorbyt Ltd

7 Signet Court, Swann's Road, Cambridge, CB5 8LA, United Kingdom Email: **info@biorbyt.com** | Phone: **+44 (0) 1223 859-353** | Fax: +44 (0)1223 280 240

Biorbyt LLC.

68 TW Alexander Drive
Research Triangle Park
Durham, North Carolina
27709. United States Email: **info@biorbyt.com** | Phone: **+1 (415) 906-5211** | Fax: +1 (415) 651-8558