

Rabbit Oxysterol-binding protein 1 ELISA Kit | OSBP elisa kit

Rabbit Oxysterol-binding protein 1 (OSBP) ELISA Kit

CATALOG # AAA55841	REACTIVITY Rabbit
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PRODUCT SYNONYMS

Oxysterol-binding protein 1; Rabbit Oxysterol-binding protein 1 (OSBP) ELISA Kit; OSBP1;; OSBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of Rabbit OSBP. No significant cross-reactivity or interference between Rabbit OSBP and analogues was observed.
Sequence Length	807
Samples	Serum, plasma, tissue homogenates and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	62.5 pg/mL - 4000 pg/mL
Sensitivity	31.25 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for OSBP elisa kit	Intended Uses: For the quantitative detection of Rabbit Oxysterol-binding protein 1 (OSBP) concentration in serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate OSBP in Rabbit serum, plasma, tissue homogenates. An antibody specific for OSBP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any OSBP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for OSBP is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of OSBP bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126722857
NCBI GeneID	100009048
NCBI Accession #	NP_001075702.1
NCBI GenBank Nucleotide #	NM_001082233.1

UniProt Accession #	P16258
Molecular Weight	89,478 Da
NCBI Official Full Name	oxysterol-binding protein 1
NCBI Official Symbol	OSBP
NCBI Protein Information	oxysterol-binding protein 1
UniProt Protein Name	Oxysterol-binding protein 1
UniProt Gene Name	OSBP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/osbp-rabbit-elisa-kits/oxysterol-binding-protein-1/55841>