

Human Oxysterol Binding Protein Like Protein 8 (OSBPL8) ELISA Kit | OSBPL8 elisa kit

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CATALOG #
AAA137515

REACTIVITY
Human

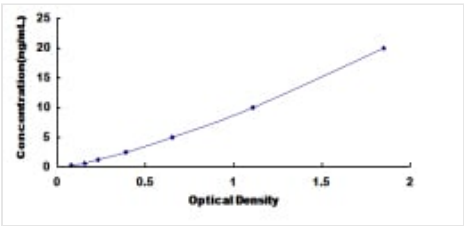
PRODUCT SYNONYMS

Oxysterol Binding Protein Like Protein 8 (OSBPL8); Human Oxysterol Binding Protein Like Protein 8 (OSBPL8) ELISA Kit; ORP8; OSBP10; Oxysterol-Binding Protein-Related Protein 8; OSBPL8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Oxysterol Binding Protein Like Protein 8 (OSBPL8). No significant cross-reactivity or interference between Oxysterol Binding Protein Like Protein 8 (OSBPL8) and analogues was observed.
Sequence Length	847
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	0.138ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Oxysterol Binding Protein Like Protein 8 (OSBPL8) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Oxysterol Binding Protein Like Protein 8 (OSBPL8) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OSBPL8 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Oxysterol Binding Protein Like Protein 8 (OSBPL8). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Oxysterol Binding Protein Like Protein 8 (OSBPL8). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Oxysterol Binding Protein Like Protein 8 (OSBPL8), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Oxysterol Binding Protein Like Protein 8 (OSBPL8) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for OSBPL8 elisa kit	Metabolic pathway

NCBI AND UNIPROT INFORMATION

NCBI GI #	51243032
NCBI GeneID	114882
NCBI Accession #	NP_001003712.1
NCBI GenBank Nucleotide #	NM_001003712.1
UniProt Accession #	Q9BZF1; Q52LQ3; Q68D75; Q8WXP8; Q9P277; A8K1T2; E9PE66; E9PE68
Molecular Weight	96,956 Da
NCBI Official Full Name	oxysterol-binding protein-related protein 8 isoform b
NCBI Official Synonym Full Names	oxysterol binding protein-like 8
NCBI Official Symbol	OSBPL8
NCBI Official Synonym Symbols	ORP8; MST120; OSBP10; MSTP120
NCBI Protein Information	oxysterol-binding protein-related protein 8
UniProt Protein Name	Oxysterol-binding protein-related protein 8
UniProt Gene Name	OSBPL8
UniProt Synonym Gene Names	KIAA1451; ORP8; OSBP10; ORP-8; OSBP-related protein 8
UniProt Entry Name	OSBL8_HUMAN

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.