

Human Selenium Binding Protein 1 (SELENBP1) ELISA Kit | SELENBP1 elisa kit

Human Anti-Selenium Binding Protein 1 Antibody (Anti-SELENBP1) ELISA Kit

CATALOG # AAA150362	REACTIVITY Human	APPLICATIONS ELISA
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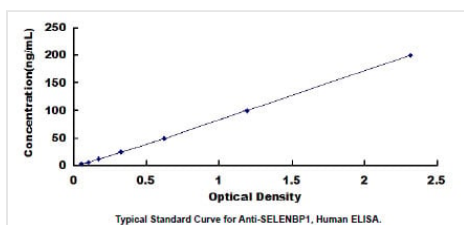
PRODUCT SYNONYMS

Selenium Binding Protein 1 (SELENBP1); Human Anti-Selenium Binding Protein 1 Antibody (Anti-SELENBP1) ELISA Kit; LPSB; SP56; hSBP; hSP56; SBP56; 56 kDa selenium-binding protein; SELENBP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Anti-SELENBP1. No significant cross-reactivity or interference between Anti-SELENBP1 and analogues was observed.
Assay Type	Competitive Inhibition
Samples	Serum, Plasma and other biological fluids
Detection Range	3.12-200ng/mL
Sensitivity	1.18ng/mL
Applicable Applications for SELENBP1 elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Anti-SELENBP1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Anti-SELENBP1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. 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 SELENBP1 elisa kit	Intended Uses: The kit is an enzyme immunoassay for in vitro quantitative measurement of Anti-SELENBP1 in human serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with SELENBP1. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated secondary antibody. After TMB substrate solution is added, those wells that contain Anti-SELENBP1 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 Anti-SELENBP1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for SELENBP1 elisa kit	Metabolic pathway

NCBI AND UNIPROT INFORMATION

NCBI GI #	148840437
NCBI GeneID	8991
UniProt Accession #	Q13228; Q49AQ8; Q96GX7; A6NML9; A6PVW9; B2RDR3; B4DKP6; B4E1F3
Molecular Weight	472
NCBI Official Full Name	Selenium-binding protein 1
NCBI Official Synonym Full Names	selenium binding protein 1
NCBI Official Symbol	SELENBP1
NCBI Official Synonym Symbols	LPSB; SP56; hSBP; SBP56; HEL-S-134P
NCBI Protein Information	selenium-binding protein 1; 56 kDa selenium-binding protein; epididymis secretory sperm binding protein Li 134P
UniProt Protein Name	Selenium-binding protein 1
UniProt Gene Name	SELENBP1
UniProt Synonym Gene Names	SBP; SBP56; SP56
UniProt Entry Name	SBP1_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.