

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

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CATALOG #
AAA330928

REACTIVITY
Human

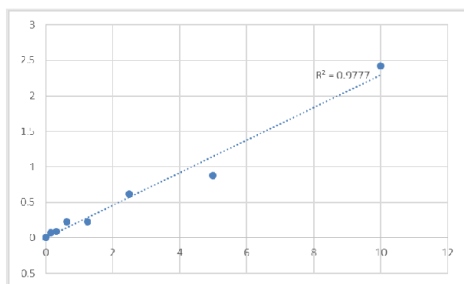
PRODUCT SYNONYMS

Selenium Binding Protein 1 (SELENBP1); Human Selenium Binding Protein 1 (SELENBP1) ELISA Kit; SELENBP1; RP11-126K1.7; FLJ13813; LPSB; SP56; hSBP; hSP56; SELENBP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Selenium binding protein 1 (SELENBP1) ELISA Kit has high sensitivity and excellent specificity for detection of Human SELENBP1. No significant cross-reactivity or interference between Human SELENBP1 and analogues was observed.
Sequence Length	472
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Selenium binding protein 1 (SELENBP1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SELENBP1 elisa kit	Description: This Human Selenium binding protein 1 (SELENBP1) ELISA Kit employs a two-site sandwich ELISA to quantitate SELENBP1 in samples. An antibody specific for SELENBP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SELENBP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SELENBP1 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 SELENBP1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: protein belongs to the selenium-binding protein family. Selenium is an essential nutrient that exhibits potent anticarcinogenic properties, and deficiency of selenium may cause certain neurologic diseases. It has been proposed that the effects of selenium in preventing cancer and neurologic diseases may be mediated by selenium-binding proteins. The exact function of this gene is not known. Highly expressed in liver, lung, colon, prostate, kidney and pancreas. In brain, present both in neurons and glia (at protein level). Down-regulated in lung adenocarcinoma, colorectal carcinoma and ovarian cancer. Two-fold up-regulated in brain and blood from schizophrenia patients.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148840437
NCBI GeneID	8991
UniProt Accession #	Q13228
NCBI Official Full Name	Methanethiol oxidase
NCBI Official Synonym Full Names	selenium binding protein 1
NCBI Official Symbol	SELENBP1
NCBI Official Synonym Symbols	MTO; LPSB; SP56; hSBP; EHMT0; SBP56; HEL-S-134P
NCBI Protein Information	methanethiol oxidase; selenium-binding protein 1
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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/selenium-binding-protein-1-selenbp1/330928>