

Human Selenoprotein W1 (SEPW1) ELISA Kit | SEPW1 elisa kit

Human Selenoprotein W1 (SEPW1)(Sandwich ELISA) ELISA Kit

CATALOG # AAA189579	REACTIVITY Human	APPLICATIONS ELISA
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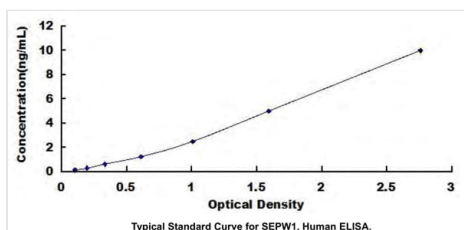
PRODUCT SYNONYMS

Selenoprotein W1 (SEPW1); Human Selenoprotein W1 (SEPW1)(Sandwich ELISA) ELISA Kit; ELISA Kit for Selenoprotein W1 (SEPW1); SEPW1/Selenoprotein W1; SEP-W1; SEPW1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SEPW1. No significant cross-reactivity or interference between SEPW1 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.061ng/mL
Applicable Applications for SEPW1 elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SEPW1 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 SEPW1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/ -20 degree C for long-term (within shelf life). 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 SEPW1 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to SEPW1. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to SEPW1. 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 SEPW1, 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 SEPW1 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SEPW1 in human tissue homogenates, cell lysates and other biological fluids.
Product Categories/Family for SEPW1 elisa kit	Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506887
NCBI GeneID	6415
NCBI Accession #	NP_003000.1
NCBI GenBank Nucleotide #	NM_003009.2
UniProt Accession #	P63302; O15532; O19096; Q86TI9; Q96KM5; A8MRR7
Molecular Weight	9,448 Da
NCBI Official Full Name	selenoprotein W
NCBI Official Synonym Full Names	selenoprotein W, 1
NCBI Official Symbol	SEPW1
NCBI Official Synonym Symbols	seIW
NCBI Protein Information	selenoprotein W
UniProt Protein Name	Selenoprotein W
UniProt Gene Name	SEPW1
UniProt Synonym Gene Names	SELW; SeIW
UniProt Entry Name	SELW_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.