

Human Selenoprotein P ELISA Kit | SEPP1 elisa kit

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CATALOG #
AAA194378

REACTIVITY
Human

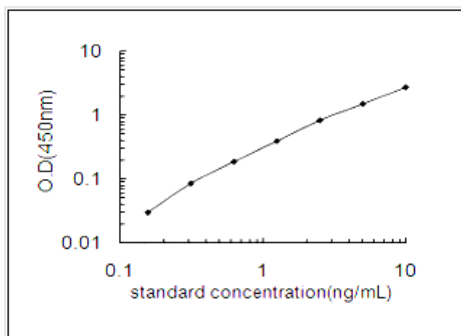
PRODUCT SYNONYMS

Selenoprotein P; Human Selenoprotein P ELISA Kit; SeP; SEPP1; SELP; SEPP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human SeP. No significant cross-reactivity or interference was observed.
Sequence Length	381
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.089ng/mL
Intra-Assay CV	<=4.9%
Inter-Assay CV	<=7.1%
Recovery	95%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SEPP1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human selenoprotein p,SeP concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay The microtiter plate provided in this kit has been pre-coated with an antibody specific to SeP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for SeP and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain SeP, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of SeP in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148277018
NCBI GeneID	6414
NCBI Accession #	NP_001078955.1
NCBI GenBank Nucleotide #	NM_001085486.1
UniProt Accession #	P49908; Q6PD59; Q6PI43; Q6PI87; Q6PJF9
Molecular Weight	43,174 Da
NCBI Official Full Name	selenoprotein P isoform 1
NCBI Official Synonym Full Names	selenoprotein P, plasma, 1
NCBI Official Symbol	SEPP1
NCBI Official Synonym Symbols	SeP; SELP; SEPP
NCBI Protein Information	selenoprotein P
UniProt Protein Name	Selenoprotein P
UniProt Gene Name	SEPP1
UniProt Synonym Gene Names	SELP; SeP
UniProt Entry Name	SEPP1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/sepp1-human-elisa-kits/selenoprotein-p/194378>