

Human SEPP1 ELISA Kit | SEPP1 elisa kit

Human SEPP1(Selenoprotein P, Plasma)ELISA Kit

CATALOG #
AAA165735

REACTIVITY
Human

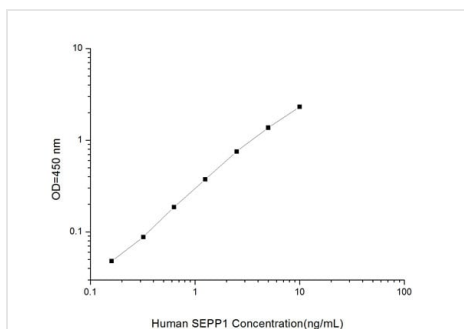
PRODUCT SYNONYMS

SEPP1; Human SEPP1(Selenoprotein P; Plasma)ELISA Kit; SEPP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human SEPP1. No significant cross-reactivity or interference between Human SEPP1 and analogues was observed.
Sequence Length	411
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SEPP1 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human SEPP1 concentrations in serum, plasma and other biological fluids. Principle of the Assay This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to SEPP1. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for SEPP1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain SEPP1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of SEPP1. You can calculate the concentration of SEPP1 in the samples by comparing the OD of the samples to the standard curve.
References	Selenoprotein-P Is Predictive of Insulin Resistance and Systemic Inflammation in Individuals with Prediabetes and Diabetes - See more at: http://press.endocrine.org/doi/abs/10.1210/endo-meetings.2015.DGM.11.SAT-648#sthash.M4GF1Jt.dpuf. Manoj Kumar, Samim Ali Mondal, Deep Dutta, Parna Choudhury, Subhankar Chowdhury and Satinath Mukhopadhyay (2015)

NCBI AND UNIPROT INFORMATION

NCBI GI #	148277022
NCBI GeneID	6414
NCBI Accession #	NP_001087195.1
NCBI GenBank Nucleotide #	NM_001093726.1
UniProt Accession #	P49908 ; Q6PD59 ; Q6PI43 ; Q6PI87 ; Q6PJF9
Molecular Weight	43,174 Da
NCBI Official Full Name	selenoprotein P isoform 2
NCBI Official Synonym Full Names	selenoprotein P, plasma, 1
NCBI Official Symbol	SEPP1
NCBI Official Synonym Symbols	SeP; SELP
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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/sepp1/165735>