

Human Selenoprotein P (SEPP1) ELISA Kit | SEPP1 elisa kit

Human Selenoprotein P (SEPP1) ELISA Kit

CATALOG #
AAA330916

REACTIVITY
Human

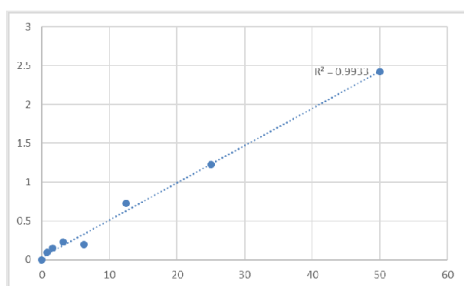
PRODUCT SYNONYMS

Selenoprotein P (SEPP1); Human Selenoprotein P (SEPP1) ELISA Kit; SEPP1; SELP; SeP; selenoprotein P; SEPP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Selenoprotein P (SEPP1) ELISA Kit has high sensitivity and excellent specificity for detection of Human SEPP1. No significant cross-reactivity or interference between Human SEPP1 and analogues was observed.
Sequence Length	402
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 Selenoprotein P (SEPP1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SEPP1 elisa kit	Description: This Human Selenoprotein P (SEPP1) ELISA Kit employs a two-site sandwich ELISA to quantitate SEPP1 in samples. An antibody specific for SEPP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SEPP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SEPP1 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 SEPP1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Selenoprotein P is a selenoprotein containing multiple selenocysteine (Sec) residues, which are encoded by the UGA codon that normally signals translation termination. The 3' UTR of selenoprotein genes have a common stem-loop structure, the sec insertion sequence (SECIS), which is necessary for the recognition of UGA as a Sec codon rather than as a stop signal. This selenoprotein is an extracellular glycoprotein, and is unusual in that it contains 10 Sec residues per polypeptide. It is a heparin-binding protein that appears to be associated with endothelial cells, and has been implicated to function as an antioxidant in the extracellular space. Several transcript variants, encoding either the same or different isoform, have been found for this gene.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	156631001
NCBI GeneID	282066
NCBI Accession #	NP_776884.2
NCBI GenBank Nucleotide #	NP_776884.2
UniProt Accession #	P49907
NCBI Official Full Name	selenoprotein P
NCBI Official Symbol	SELENOP
NCBI Official Synonym Symbols	SELP; SEPP1
NCBI Protein Information	selenoprotein P
UniProt Protein Name	Selenoprotein P
UniProt Gene Name	SEPP1
UniProt Synonym Gene Names	SELP; SeP
UniProt Entry Name	SEPP1_BOVIN

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.