

Human Selenoprotein P1 ELISA Kit | SEPP1 elisa kit

Human Selenoprotein P1, ELISA Kit

CATALOG #
AAA83318

REACTIVITY
Human

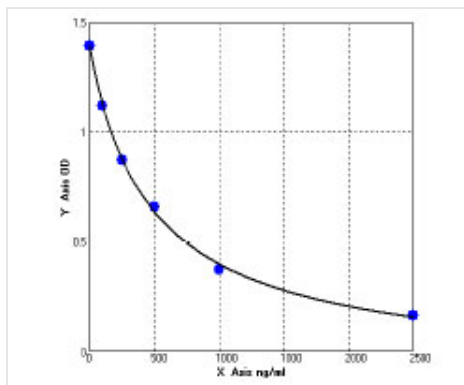
PRODUCT SYNONYMS

Selenoprotein P1; Human Selenoprotein P1; ELISA Kit; SEPP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SEPP1. No significant cross-reactivity or interference between SEPP1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between SEPP1 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SEPP1 elisa kit	Intended Uses: This SEPP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human SEPP1. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: SEPP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-SEPP1 antibody and an SEPP1-HRP conjugate. The assay sample and buffer are incubated together with SEPP1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the SEPP1 concentration since SEPP1 from samples and SEPP1-HRP conjugate compete for the anti-SEPP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by SEPP1 from the sample, fewer sites are left to bind SEPP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SEPP1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for SEPP1 elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	374305554
Molecular Weight	39,338 Da
NCBI Official Full Name	selenoprotein P1
UniProt Protein Name	Selenoprotein P1
UniProt Gene Name	SEPP1
UniProt Entry Name	H6WVW6_CAPHI

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://stage.aaabiotech.com/sepp1-human-elisa-kits/selenoprotein-p1/83318>