

Mouse Selenoprotein P1, Plasma ELISA Kit | SEPP1 elisa kit

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CATALOG #
AAA82820

REACTIVITY
Mouse

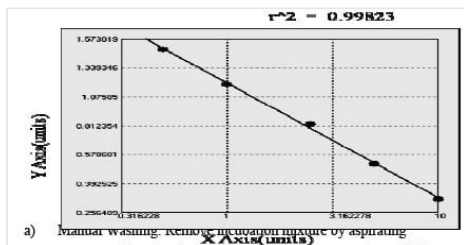
PRODUCT SYNONYMS

Selenoprotein P1; Plasma; Mouse Selenoprotein P1; Plasma ELISA Kit; SEPP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This SEPP-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse SEPP-1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SEPP1 elisa kit

Principle of the assay: SEPP-1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SEPP-1 antibody and an SEPP-1-HRP conjugate. The assay sample and buffer are incubated together with SEPP-1-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 SEPP-1 concentration since SEPP-1 from samples and SEPP-1-HRP conjugate compete for the anti-SEPP-1 antibody binding site. Since the number of sites is limited, as more sites are occupied by SEPP-1 from the sample, fewer sites are left to bind SEPP-1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SEPP-1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for SEPP1 elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	172046809
NCBI GeneID	29360
Molecular Weight	43,083 Da
NCBI Official Full Name	Selenoprotein P
NCBI Official Synonym Full Names	selenoprotein P, plasma, 1
NCBI Official Symbol	Sepp1
NCBI Protein Information	selenoprotein P; seP
UniProt Protein Name	Selenoprotein P
UniProt Gene Name	Sepp1
UniProt Synonym Gene Names	Selp; SeP
UniProt Entry Name	SEPP1_RAT

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-mouse-elisa-kits/selenoprotein-p1-plasma/82820>