

Rat Selenoprotein P1, Plasma ELISA Kit | SEPP1 elisa kit

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CATALOG #
AAA86172

REACTIVITY
Rat

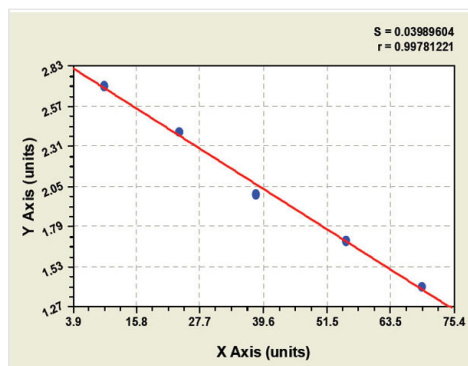
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	25-500ng/mL
Sensitivity	1.0ng/ml
Highest Standards	500ng/mL
Concentration of Standards	Concentration of Standards
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SEPP1 elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This SEPP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat SEPP1. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY SEPP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal 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 #	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-rat-elisa-kits/selenoprotein-p1-plasma/86172>