

Chicken Selenoprotein P ELISA Kit | SEPP elisa kit

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CATALOG #
AAA247249

REACTIVITY
Chicken

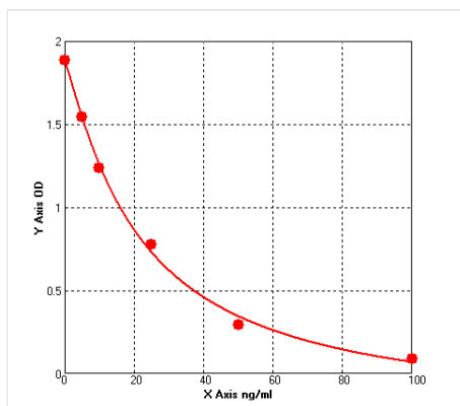
PRODUCT SYNONYMS

Selenoprotein P; Chicken Selenoprotein P ELISA Kit; SEPP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
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.
Sequence Length	381
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SEPP elisa kit	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. Intended Uses: This SEPP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken SEPP1. This ELISA kit for research use only, not for therapeutic or test applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	312004116
NCBI GeneID	6414
UniProt Accession #	P49908; Q6PD59; Q6PI43; Q6PI87; Q6PJF9
Molecular Weight	43,174 Da
NCBI Official Full Name	selenoprotein P
NCBI Official Synonym Full Names	selenoprotein P
NCBI Official Symbol	SELENOP
NCBI Official Synonym Symbols	SeP; SELP; SEPP; SEPP1
NCBI Protein Information	selenoprotein P
UniProt Protein Name	Selenoprotein P
UniProt Gene Name	SELENOP
UniProt Synonym Gene Names	SeP

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/sepp-chicken-elisa-kits/selenoprotein-p/247249>