

Bovine Selenoprotein P1, Plasma ELISA Kit | SEPP1 elisa kit

Bovine Selenoprotein P1, Plasma ELISA Kit

CATALOG #
AAA92638

REACTIVITY
Bovine

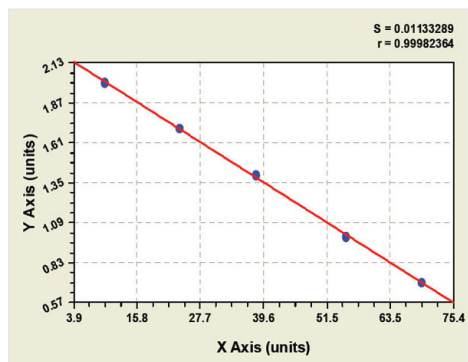
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This SEPP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine SEPP1. 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: 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/sepp1-bovine-ovine-elisa-kits/selenoprotein-p1-plasma/92638>