

Bovine selenoprotein P, plasma, 1 ELISA Kit | SEPP1 elisa kit

Bovine Selenoprotein P, SEPP1 ELISA Kit

CATALOG #
AAA112804

REACTIVITY
Bovine

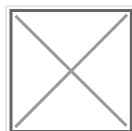
PRODUCT SYNONYMS

selenoprotein P; plasma; 1; Bovine Selenoprotein P; SEPP1 ELISA Kit; Bovine Selenoprotein P (SEPP1) ELISA kit; SELP; SeP; SEPP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of bovine SEPP1. No significant cross-reactivity or interference between bovine SEPP1 and analogues was observed.
Sequence Length	402
Samples	Serum, plasma, tissue homogenates
Assay Type	Competitive
Detection Range	10 ng/ml -160 ng/ml.
Sensitivity	The minimum detectable dose of bovine SEPP1 is typically less than 5 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest bovine SEPP1 concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SEPP1 elisa kit

Principle of the assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to SEPP1. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated SEPP1. The competitive inhibition reaction is launched between with HRP-conjugated SEPP1 and SEPP1 in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of SEPP1 in the sample. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	156631001
NCBI GeneID	282066
NCBI Accession #	NP_776884.2
NCBI GenBank Nucleotide #	NM_174459.3
UniProt Accession #	P49907; O19003; Q9N2H6
Molecular Weight	45,488 Da
NCBI Official Full Name	selenoprotein P
NCBI Official Symbol	SEPP1
NCBI Official Synonym Symbols	SELP
NCBI Protein Information	selenoprotein P; seP; selenoprotein P-like protein
UniProt Protein Name	Selenoprotein P
UniProt Gene Name	SEPP1
UniProt Synonym Gene Names	SELP; SeP
UniProt Entry Name	SEPP1_BOVIN

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-bovine-ovine-elisa-kits/selenoprotein-p-plasma-1/112804>