

Rat Presepsin, PSPN ELISA Kit | PSPN elisa kit

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CATALOG #
AAA123121

REACTIVITY
Rat

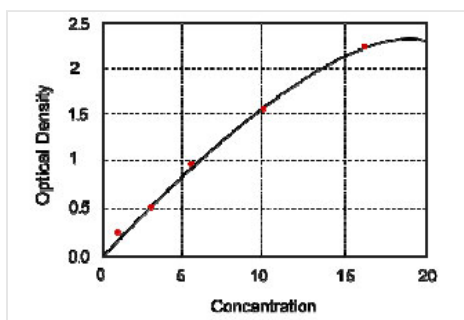
PRODUCT SYNONYMS

Presepsin; PSPN; Rat Presepsin; PSPN ELISA Kit; PSPN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	156
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	7ng/L - 1500ng/L
Sensitivity	3.55ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PSPN elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Presepsin (also known as PSPN) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat PSPN antibody. PSPN present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat PSPN Antibody is added and binds to PSPN in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PSPN antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat PSPN. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758974
NCBI GeneID	5623
NCBI GenBank Nucleotide #	NP_004149.1
UniProt Accession #	O60542
NCBI Official Full Name	persephin preproprotein
NCBI Official Synonym Full Names	persephin
NCBI Official Symbol	PSPN
NCBI Official Synonym Symbols	PSP
NCBI Protein Information	persephin
UniProt Protein Name	Persephin
UniProt Gene Name	PSPN
UniProt Synonym Gene Names	PSP
UniProt Entry Name	PSPN_HUMAN

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/rat-elisa-kits/presepsin-pspn/123121>