

Human Persephin ELISA Kit | PSPN elisa kit

Human Persephin ELISA Kit

CATALOG #
AAA17341

REACTIVITY
Human

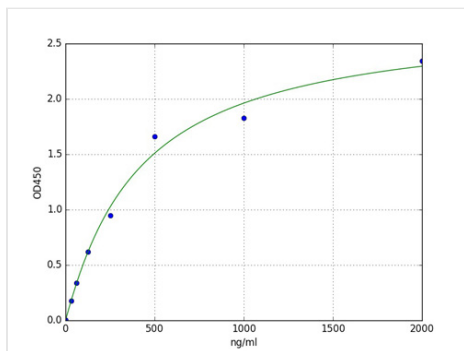
PRODUCT SYNONYMS

Persephin; Human Persephin ELISA Kit; PSPN/persephin/PSP; PSPN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	156
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000ng/ml
Sensitivity	18.75ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Typical Data & Standard Curve

Results of a typical standard run of a Human PSPN ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.063	0.112	0.140	0.247	0.415	0.741	1.784	2.875

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PSPN elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human PSPN antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PSPN antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human PSPN amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PSPN can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

2935710

NCBI GeneID	5623
Molecular Weight	16,600 Da
NCBI Official Full Name	persephin
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/pspn-human-elisa-kits/persephin/17341>