

Human Puromycin-sensitive aminopeptidase ELISA Kit | NPEPPS elisa kit

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CATALOG #
AAA102540

REACTIVITY
Human

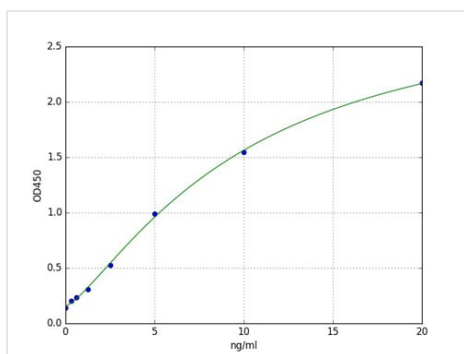
PRODUCT SYNONYMS

Puromycin-sensitive aminopeptidase; Human Puromycin-sensitive aminopeptidase ELISA Kit; NPEPPS (Puromycin-sensitive aminopeptidase)/AAP-S/MP100/aminopeptidase puromycin sensitive/Cytosol alanine aminopeptidase/metalloproteinase MP100/puromycin-sensitive aminopeptidase; NPEPPS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	919
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/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



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human NPEPPS 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	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.020	0.138	0.246	0.441	0.791	1.339	1.900	2.483

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NPEPPS elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human NPEPPS antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human NPEPPS 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 NPEPPS amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human NPEPPS can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	158937236
NCBI GeneID	9520
NCBI Accession #	NP_006301.3
NCBI GenBank Nucleotide #	NM_006310.3
Molecular Weight	94,516 Da
NCBI Official Full Name	puromycin-sensitive aminopeptidase
NCBI Official Synonym Full Names	aminopeptidase puromycin sensitive
NCBI Official Symbol	NPEPPS
NCBI Official Synonym Symbols	PSA; AAP-S; MP100
NCBI Protein Information	puromycin-sensitive aminopeptidase
UniProt Protein Name	Puromycin-sensitive aminopeptidase
UniProt Gene Name	NPEPPS
UniProt Synonym Gene Names	PSA; PSA; AAP-S
UniProt Entry Name	PSA_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/npepps-human-elisa-kits/puromycin-sensitive-aminopeptidase/102540>