

Rat Pdgfa Associated Protein 1 ELISA Kit | PDAP1 elisa kit

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CATALOG #
AAA102266

REACTIVITY
Rat

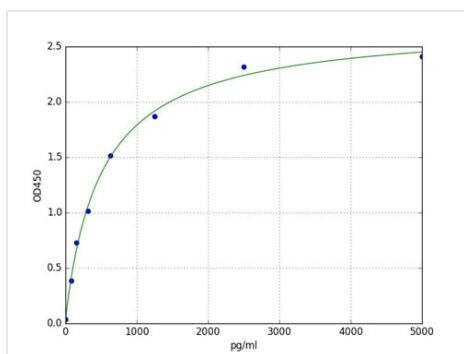
PRODUCT SYNONYMS

Pdgfa Associated Protein 1; Rat Pdgfa Associated Protein 1 ELISA Kit; PDAP1/28 kDa heat- and acid-stable phosphoprotein/PDGF-associated protein/PDGFA-associated protein 1; PDAP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	181
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/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 Rat PDAP1 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	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.004	0.177	0.300	0.469	0.995	1.925	1.382	2.709

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDAP1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Rat PDAP1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat PDAP1 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 Rat PDAP1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat PDAP1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14043856
NCBI GeneID	11333
Molecular Weight	20,630 Da
NCBI Official Full Name	PDGFA associated protein 1
NCBI Official Synonym Full Names	PDGFA associated protein 1
NCBI Official Symbol	PDAP1
NCBI Official Synonym Symbols	PAP; PAP1; HASPP28
NCBI Protein Information	28 kDa heat- and acid-stable phosphoprotein
UniProt Protein Name	28 kDa heat- and acid-stable phosphoprotein
UniProt Gene Name	PDAP1
UniProt Synonym Gene Names	HASPP28; PAP; PAP1
UniProt Entry Name	HAP28_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/pdap1-rat-elisa-kits/pdga-associated-protein-1/102266>