

Chicken PDGFA Associated Protein 1 ELISA Kit | PDAP1 elisa kit

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CATALOG #
AAA94545

REACTIVITY
Chicken

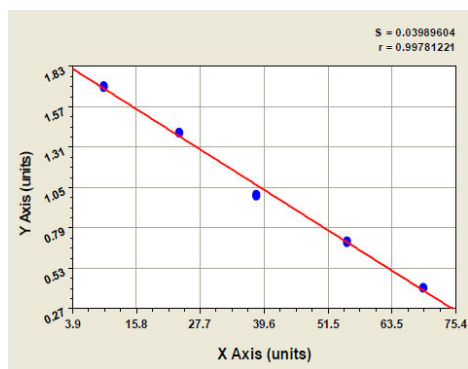
PRODUCT SYNONYMS

PDGFA Associated Protein 1; Chicken PDGFA Associated Protein 1 ELISA Kit; PDAP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This PDAP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken PDAP1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDAP1 elisa kit

Principle of the assay: PDAP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PDAP1 antibody and an PDAP1-HRP conjugate. The assay sample and buffer are incubated together with PDAP1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PDAP1 concentration since PDAP1 from samples and PDAP1-HRP conjugate compete for the anti-PDAP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by PDAP1 from the sample, fewer sites are left to bind PDAP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PDAP1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for PDAP1 elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	119597082
NCBI GeneID	11333
Molecular Weight	20,630 Da
NCBI Official Full Name	PDGFA associated protein 1, isoform CRA_b
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; PDGF-associated protein
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-chicken-elisa-kits/pdgfa-associated-protein-1/94545>