

Human Programmed Cell Death Protein 6 Interacting Protein (PDCD6IP) ELISA Kit | PDCD6IP elisa kit

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CATALOG #
AAA20648

REACTIVITY
Human

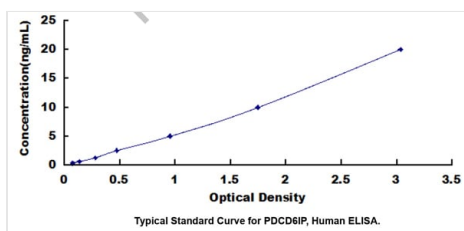
PRODUCT SYNONYMS

Programmed Cell Death Protein 6 Interacting Protein (PDCD6IP); Human Programmed Cell Death Protein 6 Interacting Protein (PDCD6IP) ELISA Kit; PDCD6-IP; AIP1; Alix; DRIP4; HP95; ALG-2 Interacting Protein X; PDCD6IP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PDCD6IP. No significant cross-reactivity or interference between PDCD6IP and analogues was observed.
Sequence Length	271
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.122ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PDCD6IP were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PDCD6IP were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDCD6IP elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to PDCD6IP. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to PDCD6IP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PDCD6IP, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of PDCD6IP in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PDCD6IP in human tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Product Categories/Family for PDCD6IP elisa kit	Apoptosis

NCBI AND UNIPROT INFORMATION

NCBI GI #	119584873
NCBI GeneID	10015
UniProt Accession #	Q8WUM4; Q6NUS1; Q9BX86; Q9NUN0; Q9P2H2; Q9UKL5; C5MQH7; E9PFU1
Molecular Weight	30,453 Da
NCBI Official Full Name	programmed cell death 6 interacting protein, isoform CRA_b
NCBI Official Synonym Full Names	programmed cell death 6 interacting protein
NCBI Official Symbol	PDCD6IP
NCBI Official Synonym Symbols	AIP1; ALIX; HP95; DRIP4
NCBI Protein Information	programmed cell death 6-interacting protein
UniProt Protein Name	Programmed cell death 6-interacting protein
UniProt Gene Name	PDCD6IP
UniProt Synonym Gene Names	AIP1; ALIX; KIAA1375; PDCD6-interacting protein
UniProt Entry Name	PDC6I_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://www.aaabiotech.com/human-elisa-kits/programmed-cell-death-protein-6-interacting-protein-pdc6ip/20648>