

Human Programmed cell death protein 4 ELISA Kit | PDCD4 elisa kit

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CATALOG #
AAA102195

REACTIVITY
Human

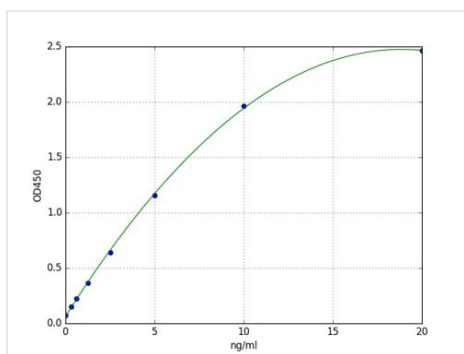
PRODUCT SYNONYMS

Programmed cell death protein 4; Human Programmed cell death protein 4 ELISA Kit; PDCD4/H731/nuclear antigen H731/Neoplastic transformation inhibitor protein/Nuclear antigen H731-like/programmed cell death 4 (neoplastic transformation inhibitor)/programmed cell death protein 4/Protein 197/15a; PDCD4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	455
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 PDCD4 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	0.150	0.185	0.213	0.314	0.529	0.876	1.497	2.211

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDCD4 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human PDCD4 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PDCD4 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 PDCD4 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PDCD4 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	313760537
NCBI GeneID	27250
NCBI Accession #	NP_001186421.1
NCBI GenBank Nucleotide #	NM_001199492.1
Molecular Weight	50,576 Da
NCBI Official Full Name	programmed cell death protein 4 isoform 3
NCBI Official Synonym Full Names	programmed cell death 4 (neoplastic transformation inhibitor)
NCBI Official Symbol	PDCD4
NCBI Official Synonym Symbols	H731
NCBI Protein Information	programmed cell death protein 4
UniProt Protein Name	Programmed cell death protein 4
UniProt Gene Name	PDCD4
UniProt Synonym Gene Names	H731
UniProt Entry Name	PDCD4_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/pdcd4-human-elisa-kits/programmed-cell-death-protein-4/102195>