

Human Programmed Cell Death 4 (PDCD4) ELISA Kit | PDCD4 elisa kit

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CATALOG #
AAA331446

REACTIVITY
Human

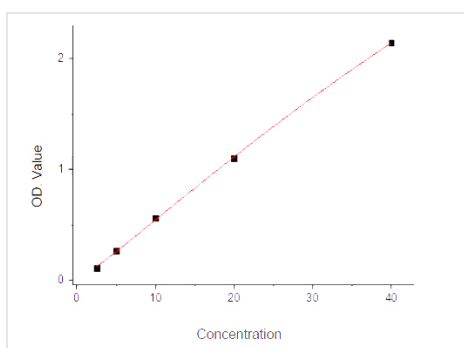
PRODUCT SYNONYMS

Programmed Cell Death 4 (PDCD4); Human Programmed Cell Death 4 (PDCD4) ELISA Kit; PDCD4; RP11-348N5.4; H731; MGC33046; MGC33047; nuclear antigen H731; programmed cell death 4; PDCD4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	469
Assay Type	Sandwich
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDCD4 elisa kit

Principle of the Assay: Human Programmed Cell Death 4 (PDCD4) ELISA Kit employs a two-site sandwich ELISA to quantitate PDCD4 in samples. An antibody specific for PDCD4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PDCD4 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human PDCD4 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of PDCD4 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Background/Introduction: PDCD4 encodes a protein localized to the nucleus in proliferating cells. Expression of this gene is modulated by cytokines in natural killer and T cells. The gene product is thought to play a role in apoptosis but the specific role has not yet been determined. Two transcripts encoding different isoforms have been identified. The deduced 458-amino acid protein has a calculated molecular mass of 50.6kD. PDCD4 is an acidic protein with characteristics of a nuclear nonhistone protein. It contains 2 overlapping GxGxxG nucleotide-binding motifs, which are characteristic of protein kinases, but it does not have a kinase catalytic domain. PDCD4 also has several putative serine and threonine phosphorylation sites.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21735596
NCBI GeneID	27250
NCBI Accession #	NP_055271.2
NCBI GenBank Nucleotide #	NP_055271.2
UniProt Accession #	Q53EL6
NCBI Official Full Name	programmed cell death protein 4 isoform 1
NCBI Official Synonym Full Names	programmed cell death 4
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://www.aaabiotech.com/human-elisa-kits/programmed-cell-death-4-pdcd4/331446>