PDCD1 (Human) ELISA Kit

Catalog # KA3905 Size 1 Kit

Specification

Product Description	PDCD1 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human PDCD1.
Suitable Sample	Cell culture supernates
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	156 to 10000 pg/ml
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

Applications

- Quantification

Gene Info — PDCD1

Entrez GeneID	5133
Gene Name	PDCD1
Gene Alias	CD279, PD1, SLEB2, hPD-1, hPD-l

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Gene Description	programmed cell death 1
Omim ID	152700 600244
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a cell surface membrane protein of the immunoglobulin superfamily. This protein is expressed in pro-B-cells and is thought to play a role in their differentiation. In mice, expression of this gene is induced in the thymus when anti-CD3 antibodies are injected and large numbers of thymocytes undergo apoptosis. Mice deficient for this gene bred on a BALB/c background developed dilated cardiomyopathy and died from congestive heart failure. These studies suggest that this gene product may also be important in T cell function and contribute to the prevention of autoimmune diseases. [provided by RefSeq
Other Designations	-

Pathway

- Cell adhesion molecules (CAMs)
- T cell receptor signaling pathway

Disease

- Addison Disease
- Alveolitis
- Arthritis
- Autoimmune Diseases
- Carcinoma
- Choriocarcinoma
- Colitis
- Crohn Disease
- Diabetes Mellitus
- Disease Progression
- Disease Susceptibility
- Genetic Predisposition to Disease

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- Graves Disease
- Hydatidiform Mole
- Inflammation
- Kidney Diseases
- Leukemia
- Liver Cirrhosis
- Lupus Erythematosus
- Lupus Nephritis
- Mucocutaneous Lymph Node Syndrome
- Multiple Sclerosis
- Myocardial Infarction
- Neovascularization
- Polyendocrinopathies
- Spondylitis
- Uterine Cervical Neoplasms
- Uveomeningoencephalitic Syndrome
- Vasculitis
- Wegener Granulomatosis

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