

Human Programmed Cell Death 1 Ligand 2 (PDCD1LG2) ELISA Kit | PDCD1LG2 elisa kit

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CATALOG #
AAA331447

REACTIVITY
Human

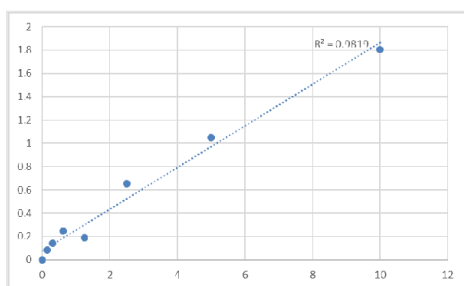
PRODUCT SYNONYMS

Programmed Cell Death 1 Ligand 2 (PDCD1LG2); Human Programmed Cell Death 1 Ligand 2 (PDCD1LG2) ELISA Kit; PDCD1LG2; B7DC; Btdc; CD273; MGC142238; MGC142240; PD-L2; PDCD1L2; PDL2; bA574F11.2; PD-1-ligand 2; programmed death ligand 2; PDCD1LG2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Programmed cell death 1 ligand 2 (PDCD1LG2) ELISA Kit has high sensitivity and excellent specificity for detection of Human PDCD1LG2. No significant cross-reactivity or interference between Human PDCD1LG2 and analogues was observed.
Sequence Length	273
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Programmed cell death 1 ligand 2 (PDCD1LG2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PDCD1LG2 elisa kit	Description: This Human Programmed cell death 1 ligand 2 (PDCD1LG2) ELISA Kit employs a two-site sandwich ELISA to quantitate PDCD1LG2 in samples. An antibody specific for PDCD1LG2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PDCD1LG2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PDCD1LG2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PDCD1LG2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Using flow cytometric analysis, Latchman et al. (2001) showed that the IgV region of mouse Pdl2, like Pdl1, binds to human PDCD1 but not to CTLA4, CD28, or ICOS. Stimulation of mouse T cells with anti-CD3 and Pdl2 or Pdl1 resulted in inhibition of proliferation and cytokine production, and Pdl2 could inhibit T-cell receptor - CD28 signals at low antigen concentrations. Latchman et al. (2001) proposed that blocking of the PDL-PDCD1 pathway may enhance antitumor immunity, whereas stimulating this pathway may help downregulate graft rejection and autoimmune and allergic reactions. Latchman et al. (2001) mapped the PDL2 gene to chromosome 9p24.2, in close proximity to the PDL1 gene. Tseng et al. (2001) mapped the mouse Pdl2 gene to chromosome 19C2-C3.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	190014605
NCBI GeneID	80380
NCBI Accession #	NP_079515.2
NCBI GenBank Nucleotide #	NP_079515.2
UniProt Accession #	Q9BQ51
NCBI Official Full Name	programmed cell death 1 ligand 2
NCBI Official Synonym Full Names	programmed cell death 1 ligand 2
NCBI Official Symbol	PDCD1LG2
NCBI Official Synonym Symbols	B7DC; Btdc; PDL2; CD273; PD-L2; PDCD1L2; bA574F11.2
NCBI Protein Information	programmed cell death 1 ligand 2
UniProt Protein Name	Programmed cell death 1 ligand 2
UniProt Gene Name	PDCD1LG2
UniProt Synonym Gene Names	B7DC; CD273; PDCD1L2; PDL2; PD-1 ligand 2; PD-L2; PDCD1 ligand 2; Programmed death ligand 2; B7-DC
UniProt Entry Name	PD1L2_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/human-elisa-kits/programmed-cell-death-1-ligand-2-pdcd1lg2/331447>