

Human programmed cell death 1 ligand 2 ELISA Kit | PDCD1LG2 elisa kit

Human Programmed cell death 1 ligand 2, PDCD1LG2 ELISA Kit

CATALOG #
AAA112527

REACTIVITY
Human

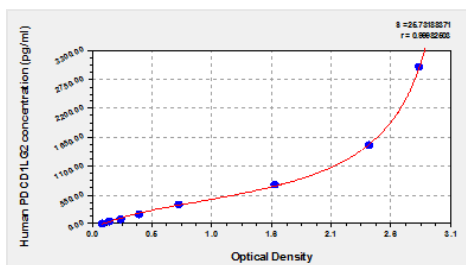
PRODUCT SYNONYMS

programmed cell death 1 ligand 2; Human Programmed cell death 1 ligand 2; PDCD1LG2 ELISA Kit; Human Programmed cell death 1 ligand 2 (PDCD1LG2) ELISA kit; 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	This assay 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
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	46.88 pg/ml-3000 pg/ml
Sensitivity	11.72 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDCD1LG2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. 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, avidin 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	190014605
NCBI GeneID	80380
NCBI Accession #	NP_079515.2
NCBI GenBank Nucleotide #	NM_025239.3
UniProt Accession #	Q9BQ51; Q14CN8; Q5T7Z6; Q6JXL8; Q6JXL9
Molecular Weight	30,957 Da
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; B7-DC; PD-1 ligand 2; PD-1-ligand 2; PDCD1 ligand 2; butyrophilin B7-DC; programmed death ligand 2; B7 dendritic cell molecule
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/pdcd1lg2-human-elisa-kits/programmed-cell-death-1-ligand-2/112527>