

Mouse Anti-Programmed Cell Death Protein 1 Ligand 1 Antibody (Anti-PDL1) ELISA Kit | PDL1 elisa kit

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CATALOG #
AAA190231

REACTIVITY
Mouse

PRODUCT SYNONYMS

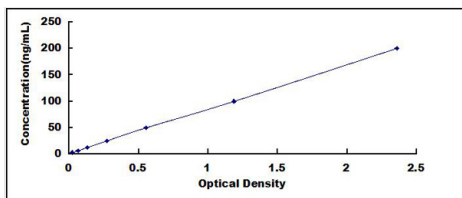
Anti-Programmed Cell Death Protein 1 Ligand 1 Antibody (Anti-PDL1); Mouse Anti-Programmed Cell Death Protein 1 Ligand 1 Antibody (Anti-PDL1) ELISA Kit; Anyi-PDL1 ELISA kit (Mouse); Programmed Cell Death Protein 1 Ligand 1; CD274; PDCD1LG1; B7-H; B7H1; PD-L1; PDCD1L1; PDCD1-LG1; Programed Death Ligand 1; PDL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Anti-Programmed Cell Death Protein 1 Ligand 1 Antibody (Anti-PDL1). No significant cross-reactivity or interference between Anti-Programmed Cell Death Protein 1 Ligand 1 Antibody (Anti-PDL1) and analogues was observed. Reactive with Mouse PDL1/Programmed Cell Death Protein 1 Ligand 1
Assay Type	Indirect ELISA
Samples	Serum, Plasma and other biological fluids
Detection Range	3.12-200ng/mL
Sensitivity	1.13ng/mL
Sample Size	100uL
Detection Method	Colormetric
Featured Series	AE kit
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Anti-Programmed Cell Death Protein 1 Ligand 1 Antibody (Anti-PDL1) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Anti-Programmed Cell Death Protein 1 Ligand 1 Antibody (Anti-PDL1) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10%, Inter-Assay: CV<12%
Function	Detects protein (antigen)
Assay Procedure Summary	1. Prepare all reagents, samples and standards 2. Add 100ul standard or sample to each well. Incubate 2 hours at 37 degree C 3. Aspirate and add 100ul prepared Detection Reagent A. Incubate 1 hour at 37 degree C 4. Aspirate and wash 5 times 5. Add 90ul Substrate Solution. Incubate 10-20 minutes at 37 degree C 6. Add 50ul Stop Solution. Read at 450nm immediately.
Test Principle	The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated secondary antibody. After TMB substrate solution is added, those wells that contain Anti-Programmed Cell Death Protein 1 Ligand 1 Antibody (Anti-PDL1) will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Anti-Programmed Cell Death Protein 1 Ligand 1 Antibody (Anti-PDL1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Research Area	Signal transduction, Tumor immunity, Infection immunity, Immune molecule, Autoimmunity
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term (One year within shelf life) The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

NCBI AND UNIPROT INFORMATION

NCBI GI #	11230798
NCBI GeneID	60533
NCBI Accession #	NP_068693.1
NCBI GenBank Nucleotide #	NM_021893.3
UniProt Accession #	Q9EP73
NCBI Official Full Name	programmed cell death 1 ligand 1
NCBI Official Synonym Full Names	CD274 antigen
NCBI Official Symbol	Cd274
NCBI Official Synonym Symbols	B7h1; Pdl1; Pdcd1l1; Pdcd1lg1; A530045L16Rik
NCBI Protein Information	programmed cell death 1 ligand 1; B7 homolog 1; PDCD1 ligand 1; programmed death ligand 1
UniProt Protein Name	Programmed cell death 1 ligand 1
UniProt Gene Name	Cd274
UniProt Synonym Gene Names	B7h1; Pdcd1l1; Pdcd1lg1; Pdl1; PD-L1; PDCD1 ligand 1; Programmed death ligand 1; B7-H1
UniProt Entry Name	PD1L1_MOUSE

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/mouse-elisa-kits/anti-programmed-cell-death-protein-1-ligand-1-antibody-anti-pdl1/190231>