

Rabbit Programmed cell death 1 ligand 1 ELISA Kit | PDL1/B7-H1/CD274 elisa kit

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CATALOG #
AAA95302

REACTIVITY
Rabbit

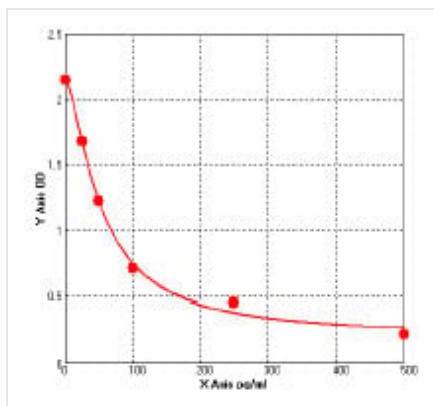
PRODUCT SYNONYMS

Programmed cell death 1 ligand 1; Rabbit Programmed cell death 1 ligand 1 ELISA Kit; PDL1/B7-H1/CD274 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of PD1L1. No significant cross-reactivity or interference between PD1L1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PD1L1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Intended Uses	This PD1L1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit PD1L1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDL1/B7-H1/CD274 elisa kit	Principle of the Assay: PD1L1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-PD1L1 antibody and an PD1L1-HRP conjugate. The assay sample and buffer are incubated together with PD1L1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PD1L1 concentration since PD1L1 from samples and PD1L1-HRP conjugate compete for the anti-PD1L1 antibody binding site. Since the number of sites is limited, as more sites are occupied by PD1L1 from the sample, fewer sites are left to bind PD1L1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PD1L1 concentration in each sample is interpolated from this standard curve. Intended Uses: This PD1L1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit PD1L1. This ELISA kit for research use only, not for therapeutic or test applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7661534
NCBI GeneID	29126
NCBI Accession #	NP_054862.1
NCBI GenBank Nucleotide #	NM_014143.3
Molecular Weight	20,454 Da
NCBI Official Full Name	programmed cell death 1 ligand 1 isoform a
NCBI Official Synonym Full Names	CD274 molecule
NCBI Official Symbol	CD274
NCBI Official Synonym Symbols	B7-H; B7H1; PDL1; PD-L1; PDCD1L1; PDCD1LG1
NCBI Protein Information	programmed cell death 1 ligand 1; B7 homolog 1; CD274 antigen; 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_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.