

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

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CATALOG #
AAA96355

REACTIVITY
Human

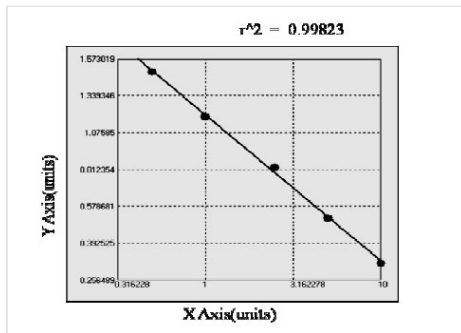
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
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

Intended Uses: This PDL1/CD274 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PDL1/CD274. This ELISA kit for research use only!

Principle of the Assay||PDL1/CD274 ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-PDL1/CD274 antibody and an PDL1/CD274-HRP conjugate. The assay sample and buffer are incubated together with PDL1/CD274-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 PDL1/CD274 concentration since PDL1/CD274 from samples and PDL1/CD274-HRP conjugate compete for the anti-PDL1/CD274 antibody binding site. Since the number of sites is limited, as more sites are occupied by PDL1/CD274 from the sample, fewer sites are left to bind PDL1/CD274-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PDL1/CD274 concentration in each sample is interpolated from this standard curve.

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.

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Online datasheet: <https://www.aaabiotech.com/pdl1-b7-h1-cd274-human-elisa-kits/programmed-cell-death-1-ligand-1/96355>