

Human PD-L1/B7-H1 ELISA Kit | PD-L1/B7-H1 elisa kit

Human PD-L1/B7-HPre-Coated ELISA Kit

CATALOG #
AAA79437

REACTIVITY
Human

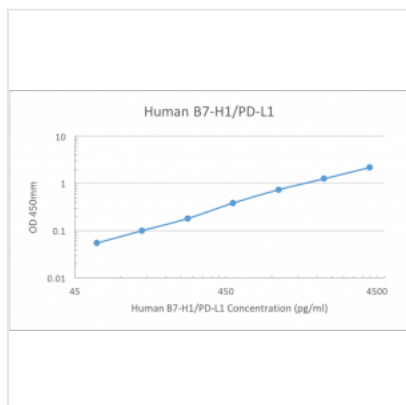
PRODUCT SYNONYMS

PD-L1/B7-H1; Human PD-L1/B7-HPre-Coated ELISA Kit; PD-L1/B7-H1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human PD-L1/B7-H1
Assay Type	Solid Phase Sandwich ELISA: 96-Well Strip Plate
Detection Range	62.5pg/mL-4000pg/mL
Sensitivity	<12pg/ml
Components	Anti-Human PD-L1/B7-H1 Pre-coated 96-well strip microplate Human PD-L1/B7-H1 Standard Human PD-L1/B7-H1 Biotinylated antibody (100x) Avidin-Biotin-Peroxidase Complex (100x) Sample Diluent Antibody Diluent Avidin-Biotin-Peroxidase Diluent Wash Buffer Concentrate (Powder for 1000mL) Color Developing Reagent Stop Solution Plate Sealers
Interference	No detectable cross-reactivity with other relevant proteins
Preparation and Storage	Store the unopened product at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PD-L1/B7-H1 elisa kit	Programmed death-ligand 1 (PD-L1) is a typ1 transmembrane glycoprotein also known as CD274 and was first characterized as an immune regulatory molecule, B7-H1. The PD-1 receptor is found on activated B cells, T cells, and myeloid cells and modulates activation and inhibition. The binding of PD-L1 to the PD-1 receptor on T cells delivers a signal that inhibits the TCR-mediated activation of IL-2 production and T cell proliferation. Research has determined that the upregulation of PD-L1 may allow cancers to evade the host immune system. Human PD-L1/B7-H1 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human PD-L1/B7-H1 with a 96-well strip plate that is pre-coated with mouse monoclonal antibody specific for B7-H1/PD-L1. It contains NS0-expressed recombinant Human PD-L1/B7-H1. The detection antibody is a biotinylated goat polyclonal antibody specific for PD-L1/B7-H1. The kit is analytically validated with ready to use reagents.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	390979639
NCBI GeneID	29126
NCBI Accession #	NP_001254635.1
NCBI GenBank Nucleotide #	NM_001267706.1
UniProt Accession #	Q9NZQ7; Q14CJ2; Q2V8D5; Q66RK1; Q6WEX4; Q9NUZ5; B2RBA2; B4DU27
Molecular Weight	33,275 Da
NCBI Official Full Name	programmed cell death 1 ligand 1 isoform b
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.