

ARG81580 Human CD273 / PD-L2 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81580-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81580-002	Standard	2 X 10 ng/vial	4°C
ARG81580-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81580-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81580-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81580-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81580-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81580-008	25X Wash buffer	20 ml	4°C
ARG81580-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81580-010	STOP solution	10 ml (Ready to use)	4°C
ARG81580-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81580 Human CD273 / PD-L2 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CD273 / PD-L2 in serum, plasma (heparin, EDTA) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	CD273 / PD-L2
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	31.25 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	62.5 - 4000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 6.1% Inter-Assay CV: 6.8%
Alternate Names	B7DC; bA574F11.2; PDL2; CD antigen CD273; PD-L2; Programmed cell death 1 ligand 2; CD273; Btdc; PDCD1L2; Programmed death ligand 2; Butyrophilin B7-DC; B7-DC; PD-1 ligand 2; PDCD1 ligand 2

Application Instructions

Assay Time ~ 5 hours

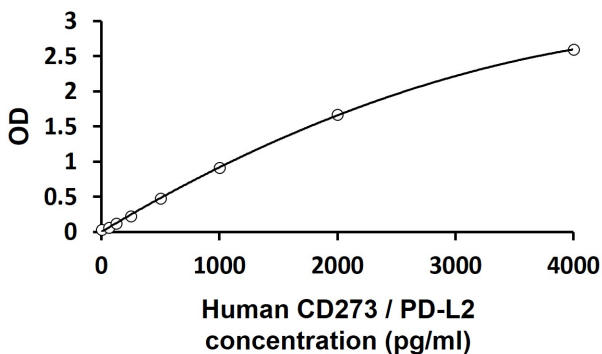
Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	PDCD1LG2
Gene Full Name	programmed cell death 1 ligand 2
Function	Involved in the costimulatory signal, essential for T-cell proliferation and IFNG production in a PDCD1-independent manner. Interaction with PDCD1 inhibits T-cell proliferation by blocking cell cycle progression and cytokine production (By similarity). [UniProt]
Highlight	Related products: PD-L2 antibodies ; PD-L2 ELISA Kits ; Related news: The best solution for PD-1/PD-L1 research New ELISA data calculation tool: Simplify the ELISA analysis by GainData

Images



ARG81580 Human CD273 / PD-L2 ELISA Kit standard curve image

ARG81580 Human CD273 / PD-L2 ELISA Kit results of a typical standard run with optical density reading at 450 nm.