

Datasheet for ABIN5026948

PD-1 ELISA Kit**1** Image[Go to Product page](#)

Overview

Quantity:	96 tests
Target:	PD-1 (PDCD1)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	0.156-10 ng/mL
Minimum Detection Limit:	0.156 ng/mL
Application:	ELISA

Product Details

Purpose:	This immunoassay kit allows for the in vitro quantitative determination of Human PDL1 concentrations in serum, plasma and other biological fluids. This kit is for Research use only. Not for use in diagnostic/therapeutics procedures.
Sample Type:	Plasma, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Sensitivity:	< 0.094 ng/mL
Components:	plate, standard, diluent, antibodies
Material not included:	pipettes, tubes, reader, incubator

Target Details

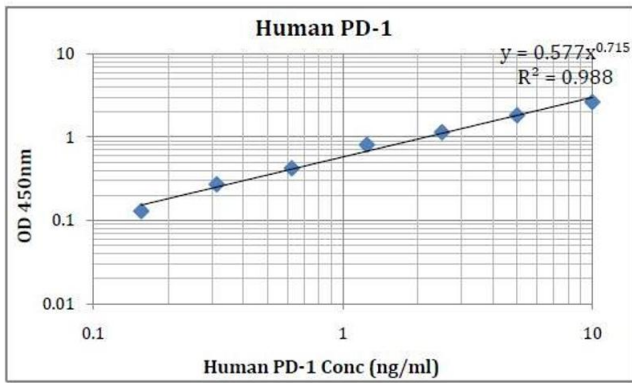
Target:	PD-1 (PDCD1)
Alternative Name:	PD-1 (Programmed Cell Death Protein1) (PDCD1 Products)
Pathways:	Cancer Immune Checkpoints

Application Details

Sample Volume:	100 µL
Assay Time:	3 - 4 h
Plate:	Pre-coated
Protocol:	<p>This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human PD-1 antibody was pre-coated into 96-well plates. Biotin conjugated anti-human PD-1 detection antibody was used. Standards, test samples and biotin conjugated detection antibody were added to the wells subsequently. Wash buffer was used to wash any non-specific binding. HRP conjugated Streptavidin was used as secondary antibody. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human PD-1 amount of samples captured in the plate. Optical Density (O.D) can be read at absorbance 450nm in a microplate reader. Concentration of Human PD-1 can be calculated using the standard curve.</p>
Restrictions:	For Research Use only

Handling

Precaution of Use:	protect your eyes
Storage:	4 °C



ELISA

Image 1.