

Human Programmed Death 1 ELISA Kit | PD-1 elisa kit

Human Programmed Death 1 ELISA Kit

CATALOG #
AAA247210

REACTIVITY
Human

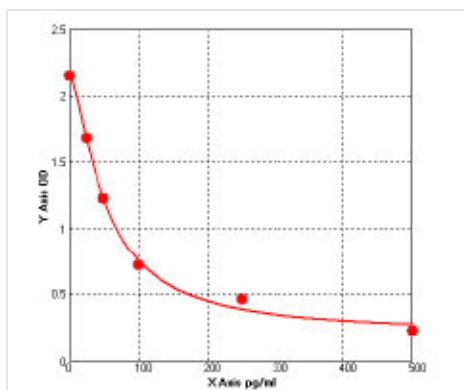
PRODUCT SYNONYMS

Programmed Death 1; Human Programmed Death 1 ELISA Kit; PD-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	288
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PD-1 elisa kit

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

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	167857792
NCBI GeneID	5133
NCBI Accession #	NP_005009.2
NCBI GenBank Nucleotide #	NM_005018.2
UniProt Accession #	Q15116; O00517; Q8IX89
Molecular Weight	31,647 Da
NCBI Official Full Name	programmed cell death protein 1
NCBI Official Synonym Full Names	programmed cell death 1
NCBI Official Symbol	PDCD1
NCBI Official Synonym Symbols	PD1; PD-1; CD279; SLEB2; hPD-1; hPD-I; hSLE1
NCBI Protein Information	programmed cell death protein 1
UniProt Protein Name	Programmed cell death protein 1
UniProt Gene Name	PDCD1
UniProt Synonym Gene Names	PD1; Protein PD-1; hPD-1

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://stage.aaabiotech.com/pd-1-human-elisa-kits/programmed-death-1/247210>