

Rat Programmed Cell Death Protein 1 ELISA Kit | PDCD1 elisa kit

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CATALOG #
AAA122907

REACTIVITY
Rat

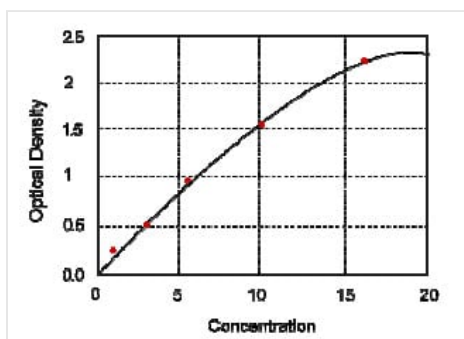
PRODUCT SYNONYMS

Programmed Cell Death Protein 1; Rat Programmed Cell Death Protein 1 ELISA Kit; PDCD1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	288
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	10ng/L - 2000ng/L
Sensitivity	4.99ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDCD1 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Programmed cell death protein 1 (also known as PDCD1/PD1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat PDCD1/PD1 antibody. PDCD1/PD1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat PDCD1/PD1 Antibody is added and binds to PDCD1/PD1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PDCD1/PD1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat PDCD1/PD1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	167857792
NCBI GeneID	5133
NCBI Accession #	NP_005009.2
NCBI GenBank Nucleotide #	NM_005018.3
UniProt Accession #	Q15116
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/rat-elisa-kits/programmed-cell-death-protein-1/122907>