

Human Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1 ELISA Kit | PIN1 elisa kit

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CATALOG #
AAA99185

REACTIVITY
Human

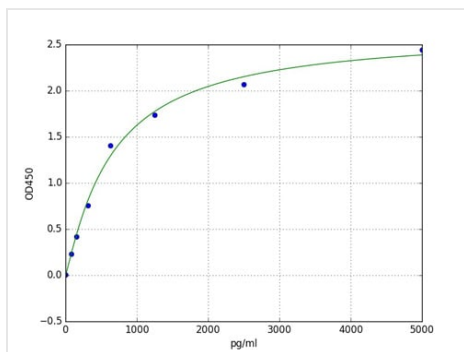
PRODUCT SYNONYMS

Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1; Human Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1 ELISA Kit; PIN1/dod/DOD/UBL5/peptidyl-prolyl cis; trans isomerase; NIMA-interacting/peptidylprolyl cis; NIMA-interacting 1/peptidyl-prolyl cis-trans isomerase NIMA-interacting 1/Peptidyl-prolyl cis-trans isomerase Pin1/PPIase Pin1/prolyl isomerase/protein (peptidyl-prolyl cis; trans isomerase) NIMA-interacting 1/protein (peptidylprolyl cis; trans isomerase) NIMA-interacting 1/Rotamase Pin1; PIN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	163
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human PIN1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.004	0.185	0.300	0.694	0.871	1.449	1.927	2.491

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PIN1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human PIN1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PIN1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. 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 PIN1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PIN1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453898
NCBI GeneID	5300
NCBI Accession #	NP_006212.1
NCBI GenBank Nucleotide #	NM_006221.3
Molecular Weight	18,243 Da
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase NIMA-interacting 1
NCBI Official Synonym Full Names	peptidylprolyl cis/trans isomerase, NIMA-interacting 1
NCBI Official Symbol	PIN1
NCBI Official Synonym Symbols	DOD; UBL5
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase NIMA-interacting 1
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1
UniProt Gene Name	PIN1
UniProt Synonym Gene Names	PPlase Pin1
UniProt Entry Name	PIN1_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.

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Online datasheet: <https://stage.aaabiotech.com/pin1-human-elisa-kits/peptidyl-prolyl-cis-trans-isomerase-nima-interacting-1/99185>