

Human peptidylprolyl cis/trans isomerase, NIMA-interacting 1 ELISA Kit | PIN1 elisa kit

Human protein, peptidylprolyl cis/trans isomeraseNIMA-interacting 1, PIN1 ELISA Kit

CATALOG #
AAA80147

REACTIVITY
Human

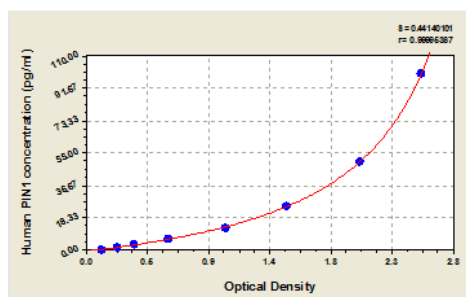
PRODUCT SYNONYMS

peptidylprolyl cis/trans isomerase; NIMA-interacting 1; Human protein; peptidylprolyl cis/trans isomeraseNIMA-interacting 1; PIN1 ELISA Kit; Human protein (peptidylprolyl cis/trans isomerase) NIMA-interacting 1; DOD; UBL5; peptidyl-prolyl cis/trans isomerase; NIMA-interacting; prolyl isomerase; protein (peptidyl-prolyl cis/trans isomerase) NIMA-interacting 1; protein (peptidylprolyl cis/trans isomerase) NIMA-i; PIN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PIN1. No significant cross-reactivity or interference between human PIN1 and analogues was observed.
Sequence Length	163
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, urine, tissue homogenates
Detection Range	1.56 pg/ml-100 pg/ml
Sensitivity	< 0.39 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PIN1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PIN1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PIN1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PIN1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PIN1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5453898
NCBI GeneID	5300
NCBI Accession #	NP_006212.1
NCBI GenBank Nucleotide #	NM_006221.3
UniProt Accession #	Q13526; Q53X75; A8K4V9
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; PPlase Pin1; rotamase Pin1; protein (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/peptidylprolyl-cis-trans-isomerase-nima-interacting-1/80147>