

Human Peptidyl Prolyl Cis/Trans Isomerase NIMA Interacting 4 Protein ELISA Kit | PIN4 elisa kit

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CATALOG # AAA85377	REACTIVITY Human
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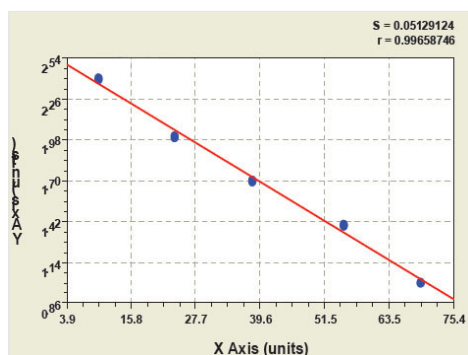
PRODUCT SYNONYMS

Peptidyl Prolyl Cis/Trans Isomerase NIMA Interacting 4 Protein; Human Peptidyl Prolyl Cis/Trans Isomerase NIMA Interacting 4 Protein ELISA Kit; PIN4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50 U/L
Sensitivity	1.0U/L
Intended Uses	This PIN4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PIN4. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PIN4 elisa kit

Principle of the Assay: PIN4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PIN4 antibody and an PIN4-HRP conjugate. The assay sample and buffer are incubated together with PIN4-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 PIN4 concentration since PIN4 from samples and PIN4-HRP conjugate compete for the anti-PIN4 antibody binding site. Since the number of sites is limited, as more sites are occupied by PIN4 from the sample, fewer sites are left to bind PIN4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PIN4 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38679892
NCBI GeneID	5303
NCBI Accession #	NP_006214.2
NCBI GenBank Nucleotide #	NM_006223.3
Molecular Weight	14,179 Da
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase NIMA-interacting 4 isoform 1
NCBI Official Synonym Full Names	protein (peptidylprolyl cis/trans isomerase) NIMA-interacting, 4 (parvulin)
NCBI Official Symbol	PIN4
NCBI Official Synonym Symbols	EPVH; PAR14; PAR17
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase NIMA-interacting 4; hEPVH; hPar14; hPar17; PPlase PIN4; parvulin-14; parvulin-17; rotamase PIN4; eukaryotic parvulin homolog; peptidyl-prolyl cis-trans isomerase Pin4; peptidyl-prolyl cis/trans isomerase EPVH
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase NIMA-interacting 4
UniProt Gene Name	PIN4
UniProt Synonym Gene Names	Par14; hPar14; Par17; hPar17; PPlase Pin4; hEPVH
UniProt Entry Name	PIN4_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/pin4-human-elisa-kits/peptidyl-prolyl-cis-trans-isomerase-nima-interacting-4-protein/85377>