

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

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CATALOG # AAA88897	REACTIVITY Chicken
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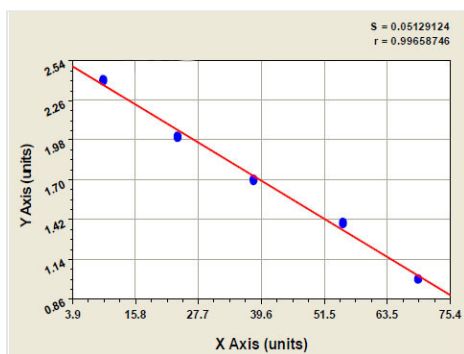
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 U/L.
Intended Uses	This BG PIN4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38679892
NCBI GeneID	5303
NCBI Accession #	NP_006214.2
NCBI GenBank Nucleotide #	NM_006223.3
UniProt Accession #	Q5HYW4; Q9Y237
Molecular Weight	8,961 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; PPIase 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	Protein (Peptidylprolyl cis/trans isomerase) NIMA-interacting, 4 (Parvulin)
UniProt Gene Name	PIN4
UniProt Entry Name	Q5HYW4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/pin4-chicken-elisa-kits/peptidyl-prolyl-cis-trans-isomerase-nima-interacting-4-protein/88897>