

Human Peptidyl-prolyl cis-trans isomerase A, PPlase A ELISA Kit | PPlase A elisa kit

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CATALOG #
AAA310238

REACTIVITY
Human

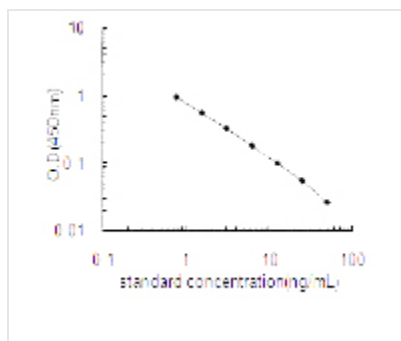
PRODUCT SYNONYMS

Peptidyl-prolyl cis-trans isomerase A; PPlase A; Human Peptidyl-prolyl cis-trans isomerase A; PPlase A ELISA Kit; 5.2.1.8; Peptidyl-prolyl cis-trans isomerase A (PPlase A); Rotamase A; Cyclophilin A; Cyclosporin A-binding protein; PPIA; PPlase A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural Human PPlase A. No significant cross-reactivity or interference was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between human PPlase A and all the analogues, therefore, cross reaction may still exist.
Samples	Serum, plasma, tissue homogenates, cell culture supernate, and other biological fluids
Assay Type	Quantitative Competitive
Detection Range	0.78 - 50.0 ng/mL.
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PPlase A elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human PPlase A concentrations in serum, plasma, tissue homogenates, cell culture supernate, and other biological fluids.

Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to PPlase A. During the reaction, PPlase A in the sample or standard competes with a fixed amount of biotin-labeled PPlase A for sites on a pre-coated Polyclonal antibody specific to PPlase A. Excess conjugate and unbound sample or standard are washed from the plate. Next, avidin-conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of PPlase A in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	665821274
NCBI GeneID	5478
NCBI Accession #	NP_001287910.1
NCBI GenBank Nucleotide #	NM_001300981.1
UniProt Accession #	P62937; P05092; Q3KQW3; Q567Q0; Q6IBU5; Q96IX3; Q9BRU4; Q9BTY9; Q9UC61; A8K220
Molecular Weight	11,418 Da
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase A isoform 2
NCBI Official Synonym Full Names	peptidylprolyl isomerase A
NCBI Official Symbol	PPIA
NCBI Official Synonym Symbols	CYPA; CYPH; HEL-S-69p
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase A
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase A
UniProt Gene Name	PPIA
UniProt Synonym Gene Names	CYPA; PPIase A

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://www.aaabiotech.com/human-elisa-kits/peptidyl-prolyl-cis-trans-isomerase-a-ppiase-a/310238>