

Human peptidylprolyl isomerase C (cyclophilin C) ELISA Kit | PPIC elisa kit

Human Peptidyl-prolyl cis-trans isomerase C, PPIC ELISA Kit

CATALOG #
AAA112287

REACTIVITY
Human

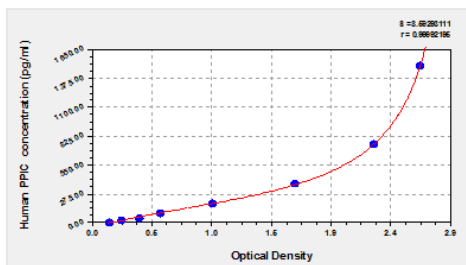
PRODUCT SYNONYMS

peptidylprolyl isomerase C (cyclophilin C); Human Peptidyl-prolyl cis-trans isomerase C; PPIC ELISA Kit; Human Peptidyl-prolyl cis-trans isomerase C (PPIC) ELISA kit; CYPC; MGC3673; PPIase C; cyclophilin C; parvulin; peptidyl-prolyl cis-trans isomerase C; peptidylprolyl isomerase C; rotamase C; PPIC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PPIC. No significant cross-reactivity or interference between human PPIC and analogues was observed.
Sequence Length	212
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	23.5 pg/ml-1500 pg/ml
Sensitivity	< 5.8 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 PPIC elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PPIC has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PPIC present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PPIC 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 PPIC 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 #	4505991
NCBI GeneID	5480
NCBI Accession #	NP_000934.1
NCBI GenBank Nucleotide #	NM_000943.4
UniProt Accession #	P45877; A4LBB5
Molecular Weight	22,763 Da
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase C
NCBI Official Synonym Full Names	peptidylprolyl isomerase C (cyclophilin C)
NCBI Official Symbol	PPIC
NCBI Official Synonym Symbols	CYPC
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase C; PPlase C; parvulin; rotamase C; cyclophilin C
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase C
UniProt Gene Name	PPIC
UniProt Synonym Gene Names	CYPC; PPlase C
UniProt Entry Name	PPIC_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/ppic-human-elisa-kits/peptidylprolyl-isomerase-c-cyclophilin-c/112287>