

Human peptidylprolyl isomerase B (cyclophilin B) ELISA Kit | PPIB elisa kit

Human cyclophilin B, CyPB ELISA Kit

CATALOG #
AAA18296

REACTIVITY
Human

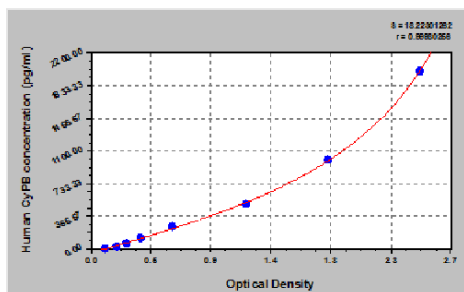
PRODUCT SYNONYMS

peptidylprolyl isomerase B (cyclophilin B); Human cyclophilin B; CyPB ELISA Kit; CYP-S1; CYPB; MGC14109; MGC2224; OI9; SCYLP; PPIase; S-cyclophilin; cyclophilin-like protein; peptidyl-prolyl cis-trans isomerase B; peptidylprolyl isomerase B; rotamase; PPIB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse CyPA. No significant cross-reactivity or interference between mouse CyPA and analogues was observed.
Sequence Length	216
Samples	Serum, Plasma, Tissue Homogenates, Cell Culture Supernates
Assay Type	Quantitative Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	3.9 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 PPIB elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CyPA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CyPA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CyPA 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 CyPA 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 #	4758950
NCBI GeneID	5479
NCBI Accession #	NP_000933.1
NCBI GenBank Nucleotide #	NM_000942.4
UniProt Accession #	P23284; Q6IBH5; Q9BVK5; A8K534
Molecular Weight	23,743 Da
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase B
NCBI Official Synonym Full Names	peptidylprolyl isomerase B (cyclophilin B)
NCBI Official Symbol	PPIB
NCBI Official Synonym Symbols	OI9; CYPB; SCYLP; CYP-S1; HEL-S-39
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase B; PPlase B; rotamase B; S-cyclophilin; cyclophilin-like protein; epididymis secretory protein Li 39
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase B
UniProt Gene Name	PPIB
UniProt Synonym Gene Names	CYPB; PPlase B; SCYLP
UniProt Entry Name	PPIB_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/ppib-human-elisa-kits/peptidylprolyl-isomerase-b-cyclophilin-b/18296>