

Mouse Cyclophilin B (CYPB) ELISA Kit | CYPB elisa kit

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CATALOG #
AAA136430

REACTIVITY
Mouse

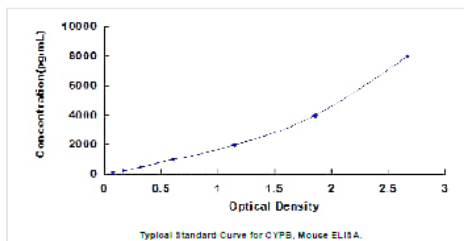
PRODUCT SYNONYMS

Cyclophilin B (CYPB); Mouse Cyclophilin B (CYPB) ELISA Kit; PPIB; PPI-B; CYP-S1; CyP-B; SCYLP; PPIase B; Rotamase B; S-cyclophilin; Peptidylprolyl Isomerase B; Peptidyl-Prolyl Cis-Trans Isomerase B; CYPB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CYPB. No significant cross-reactivity or interference between CYPB and analogues was observed.
Sequence Length	208
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma and other biological fluids
Detection Range	125-8,000pg/mL
Sensitivity	50pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CYPB were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CYPB were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CYPB elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CYPB in mouse serum, plasma and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to CYPB. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to CYPB. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CYPB, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of CYPB in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for CYPB elisa kit	Tumor immunity; Immune molecule

NCBI AND UNIPROT INFORMATION

NCBI GI #	181335
NCBI GeneID	5479
UniProt Accession #	P23284; Q6IBH5; Q9BVK5; A8K534
Molecular Weight	23,743 Da
NCBI Official Full Name	cyclophilin 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
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase B
UniProt Gene Name	PPIB
UniProt Synonym Gene Names	CYPB; PPIase 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://www.aaabiotech.com/mouse-elisa-kits/cyclophilin-b-cypb/136430>