

Mouse peptidylprolyl isomerase A (cyclophilin A) ELISA Kit | PPIA elisa kit

Mouse cyclophilin A, CyPA ELISA Kit

CATALOG #
AAA15161

REACTIVITY
Mouse

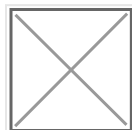
PRODUCT SYNONYMS

peptidylprolyl isomerase A (cyclophilin A); Mouse cyclophilin A; CyPA ELISA Kit; CYPA; CYPH; MGC117158; MGC12404; MGC23397; PPIase A; T cell cyclophilin; cyclosporin A-binding protein; peptidyl-prolyl cis-trans isomerase A; peptidylprolyl isomerase A; rotamase A; PPIA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse CYP2E1. No significant cross-reactivity or interference between mouse CYP2E1 and analogues was observed.
Sequence Length	164
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates
Assay Type	Quantitative Sandwich
Detection Range	39 pg/ml-2500 pg/ml
Sensitivity	9.75 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 PPIA elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CYP2E1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CYP2E1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CYP2E1 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 CYP2E1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6679439
NCBI GeneID	268373
NCBI Accession #	NP_032933.1
NCBI GenBank Nucleotide #	NM_008907.1
UniProt Accession #	P17742; Q9CWXJ5; Q9R137
Molecular Weight	17,971 Da
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase A
NCBI Official Synonym Full Names	peptidylprolyl isomerase A
NCBI Official Symbol	Ppia
NCBI Official Synonym Symbols	Cphn; CypA; CyP-18; 2700098C05
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase A; SP18; PPlase A; rotamase A; cyclophilin A; cyclosporin A-binding protein
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase A
UniProt Gene Name	Ppia
UniProt Synonym Gene Names	PPlase A
UniProt Entry Name	PPIA_MOUSE

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/ppia-mouse-elisa-kits/peptidylprolyl-isomerase-a-cyclophilin-a/15161>