

Rat CYPB ELISA Kit | CYPB elisa kit

Rat CYPB (Cyclophilin B) ELISA Kit

CATALOG #
AAA165067

REACTIVITY
Rat

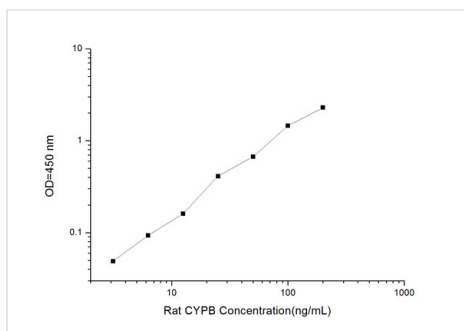
PRODUCT SYNONYMS

CYPB; Rat CYPB (Cyclophilin B) ELISA Kit; CYPB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat CYPB. No significant cross-reactivity or interference between Rat CYPB and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat CYPB and all the analogues, therefore, cross reaction may still exist.
Sequence Length	405
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	3.125-200ng/mL
Sensitivity	Min: 1.875ng/mL; Max: 200ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CYPB elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CYPB in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat CYPB. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat CYPB and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat CYPB, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat CYPB. You can calculate the concentration of Rat CYPB in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2618851
Molecular Weight	45,473 Da
NCBI Official Full Name	CypB
UniProt Protein Name	Pulcherriminic acid synthase
UniProt Gene Name	cypX
UniProt Synonym Gene Names	cyp134; cypB
UniProt Entry Name	CYPX_BACSU

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/rat-elisa-kits/cypb/165067>