

Mouse Cyclophilin B ELISA Kit | CYPB elisa kit

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CATALOG #
AAA85287

REACTIVITY
Mouse

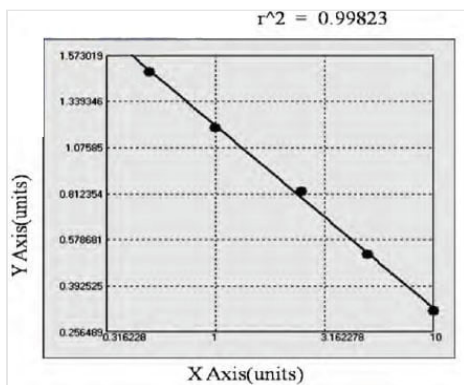
PRODUCT SYNONYMS

Cyclophilin B; Mouse Cyclophilin B ELISA Kit; CYPB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This CYPB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Moue CYPB. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CYPB elisa kit

Principle of the Assay: CYPB ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CYPB antibody and an CYPB-HRP conjugate. The assay sample and buffer are incubated together with CYPB-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CYPB concentration since CYPB from samples and CYPB-HRP conjugate compete for the anti-CYPB antibody binding site. Since the number of sites is limited, as more sites are occupied by CYPB from the sample, fewer sites are left to bind CYPB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CYPB concentration in each sample is interpolated from this standard curve.

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; BSU35060
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/cypb-mouse-elisa-kits/cyclophilin-b/85287>