

Rabbit Cyclophilin B ELISA Kit | CYPB elisa kit

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CATALOG #
AAA85277

REACTIVITY
Rabbit

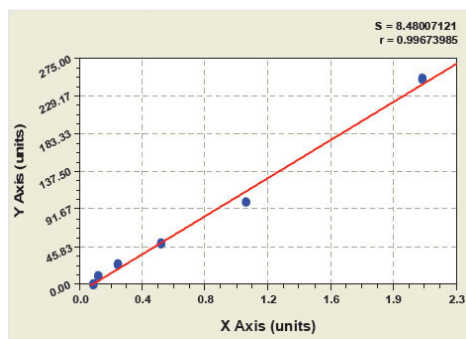
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	10-250ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This CYPB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit 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 quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CYPB. Standards or samples are then added to the microtiter plate wells and CYPB if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CYPB present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for CYPB are added to each well to "sandwich" the CYPB immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CYPB and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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://www.aaabiotech.com/cypb-rabbit-elisa-kits/cyclophilin-b/85277>