

Mouse Centromere Protein B ELISA Kit | CENPB elisa kit

Mouse Centromere Protein B ELISA Kit

CATALOG #
AAA82420

REACTIVITY
Mouse

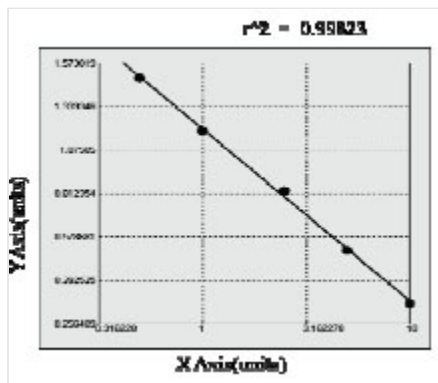
PRODUCT SYNONYMS

Centromere Protein B; Mouse Centromere Protein B ELISA Kit; CENPB 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
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CENPB elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This CENPB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CENPB. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY CENPB ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CENPB antibody and an CENPB-HRP conjugate. The assay sample and buffer are incubated together with CENPB-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 CENPB concentration since CENPB from samples and CENPB-HRP conjugate compete for the anti-CENPB antibody binding site. Since the number of sites is limited, as more sites are occupied by CENPB from the sample, fewer sites are left to bind CENPB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CENPB concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CENPB elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	119630907
NCBI GeneID	1059
Molecular Weight	65,171 Da
NCBI Official Full Name	centromere protein B, 80kDa
NCBI Official Synonym Full Names	centromere protein B, 80kDa
NCBI Official Symbol	CENPB
NCBI Protein Information	major centromere autoantigen B; CENP-B
UniProt Protein Name	Major centromere autoantigen B
UniProt Gene Name	CENPB
UniProt Synonym Gene Names	CENP-B
UniProt Entry Name	CENPB_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://stage.aaabiotech.com/cenpb-mouse-elisa-kits/centromere-protein-b/82420>