

Mouse CENPB ELISA Kit | CENPB elisa kit

Mouse CENPB (Centromere Protein B) ELISA Kit

CATALOG #
AAA163499

REACTIVITY
Mouse

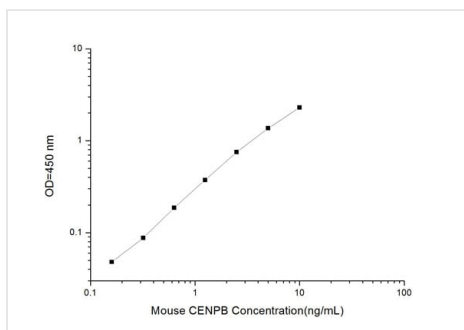
PRODUCT SYNONYMS

CENPB; Mouse CENPB (Centromere Protein B) ELISA Kit; CENPB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse CENPB. No significant cross-reactivity or interference between Mouse CENPB and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Mouse CENPB and all the analogues, therefore, cross reaction may still exist.
Sequence Length	622
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Intended Uses	This ELISA kit applies to the in vitro quantitative determination of Mouse CENPB concentrations in serum, plasma and other biological fluids.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CENPB elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CENPB in Mouse 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 Mouse CENPB. 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 Mouse CENPB 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 Mouse CENPB, 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 Mouse CENPB. You can calculate the concentration of Mouse CENPB in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13879308
NCBI GeneID	12616
UniProt Accession #	P27790; Q7TSG8
Molecular Weight	65,381 Da
NCBI Official Full Name	Cenpb protein
NCBI Official Synonym Full Names	centromere protein B
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; CENP-B
UniProt Entry Name	CENPB_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/mouse-elisa-kits/cenpb/163499>