

Rat CENPB ELISA Kit | CENPB elisa kit

Rat CENPB (Centromere Protein B) ELISA Kit

CATALOG #
AAA164705

REACTIVITY
Rat

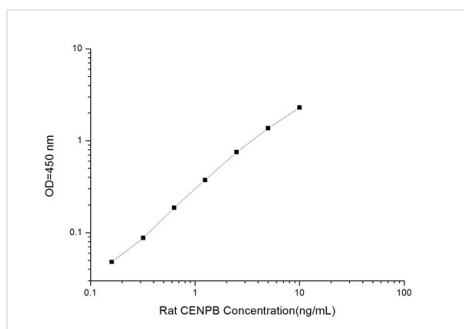
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat CENPB. No significant cross-reactivity or interference between Rat CENPB and analogues was observed.
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
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CENPB elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat CENPB concentrations in 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 CENPB. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for 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 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 CENPB. You can calculate the concentration of 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/rat-elisa-kits/cenpb/164705>