

Mouse Major centromere autoantigen B ELISA Kit | Cenpb elisa kit

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CATALOG #
AAA101037

REACTIVITY
Mouse

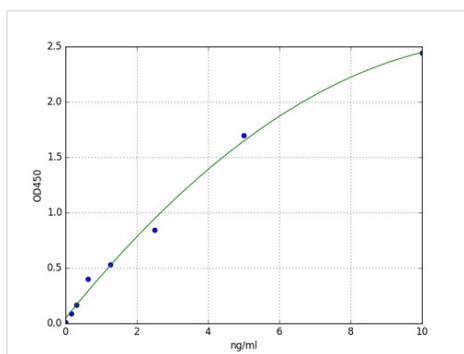
PRODUCT SYNONYMS

Major centromere autoantigen B; Mouse Major centromere autoantigen B ELISA Kit; Cenpb/Major centromere autoantigen B/Centromere protein B (CENP-B); Cenpb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	599
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse Cenpb ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.118	0.188	0.294	0.439	0.688	1.211	2.061	2.395

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cenpb elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse Cenpb antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Cenpb antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse Cenpb amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Cenpb can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21735415
NCBI GeneID	1059
NCBI Accession #	NP_001801.1
NCBI GenBank Nucleotide #	NM_001810.5
Molecular Weight	65,171 Da
NCBI Official Full Name	major centromere autoantigen B
NCBI Official Synonym Full Names	centromere protein B
NCBI Official Symbol	CENPB
NCBI Protein Information	major centromere autoantigen 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cenpb-mouse-elisa-kits/major-centromere-autoantigen-b/101037>