

Mouse Centromere Protein, CENP-B ELISA Kit

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CATALOG #
AAA247084

REACTIVITY
Mouse

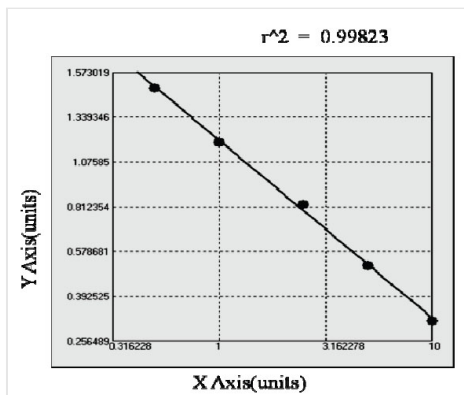
PRODUCT SYNONYMS

Centromere Protein; CENP-B; Mouse Centromere Protein; CENP-B ELISA Kit; CENP-B 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
Intended Uses	This CENP-B ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CENP-B. 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 Centromere Protein, CENP-B elisa kit

Principle of the assay: CENP-B ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CENP-B antibody and an CENP-B-HRP conjugate. The assay sample and buffer are incubated together with CENP-B-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 CENP-B concentration since CENP-B from samples and CENP-B-HRP conjugate compete for the anti-CENP-B antibody binding site. Since the number of sites is limited, as more sites are occupied by CENP-B from the sample, fewer sites are left to bind CENP-B-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CENP-B concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2393877
Molecular Weight	14,282 Da
NCBI Official Full Name	centromere protein B, partial
UniProt Protein Name	Centromere protein B
UniProt Entry Name	Q71VN4_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/mouse-elisa-kits/centromere-protein-cenp-b/247084>