

Chicken Centromere Protein B ELISA Kit | CENPB elisa kit

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CATALOG #
AAA94607

REACTIVITY
Chicken

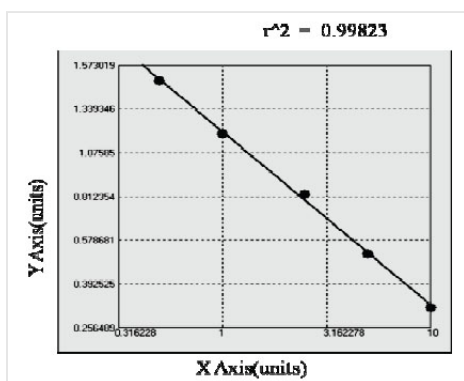
PRODUCT SYNONYMS

Centromere Protein B; Chicken Centromere Protein B ELISA Kit; CENPB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/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

Intended Uses: This CENPB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13879308
NCBI GeneID	12616
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.