

Monkey Centromere Protein H ELISA Kit | CENPH elisa kit

Monkey Centromere Protein H ELISA Kit

CATALOG #
AAA94929

REACTIVITY
Monkey

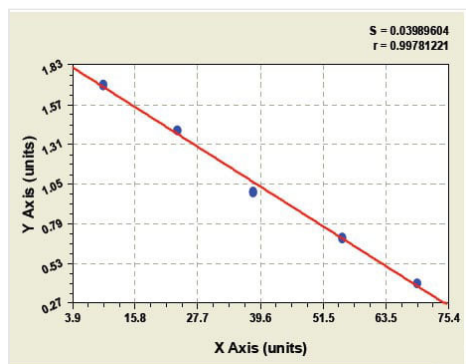
PRODUCT SYNONYMS

Centromere Protein H; Monkey Centromere Protein H ELISA Kit; CENPH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
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 CENPH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey CENPH. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	12597655
NCBI GeneID	64946
NCBI Accession #	NP_075060.1
NCBI GenBank Nucleotide #	NM_022909.3
Molecular Weight	28,481 Da
NCBI Official Full Name	centromere protein H
NCBI Official Synonym Full Names	centromere protein H
NCBI Official Symbol	CENPH
NCBI Protein Information	centromere protein H; CENP-H; kinetochore protein CENP-H; interphase centromere complex protein 35
UniProt Protein Name	Centromere protein H
UniProt Gene Name	CENPH
UniProt Synonym Gene Names	ICEN35; CENP-H
UniProt Entry Name	CENPH_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/cenph-monkey-elisa-kits/centromere-protein-h/94929>