

Rat Centromere Protein H ELISA Kit | CENPH elisa kit

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CATALOG #
AAA86542

REACTIVITY
Rat

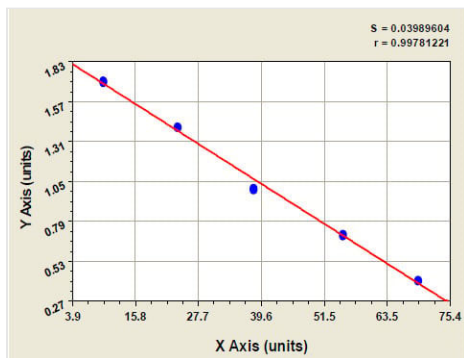
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
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 Rat CENPH. 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 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.

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-rat-elisa-kits/centromere-protein-h/86542>