

Mouse Centromere protein F (CENPF) ELISA Kit | CENPF elisa kit

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CATALOG #
AAA246513

REACTIVITY
Mouse

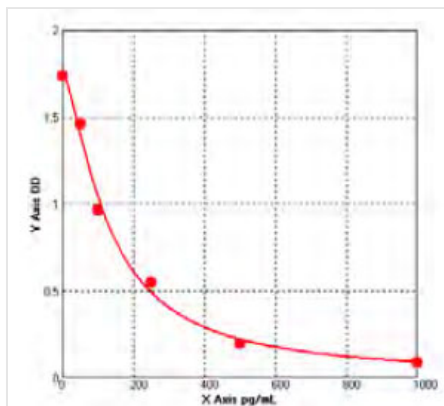
PRODUCT SYNONYMS

Centromere protein F (CENPF); Mouse Centromere protein F (CENPF) ELISA Kit; CENPF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CENPF. No significant cross-reactivity or interference between CENPF and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CENPF and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CENPF elisa kit	Principle of the Assay: CENPF ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CENPF antibody and an CENPF-HRP conjugate. The assay sample and buffer are incubated together with CENPF-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 CENPF concentration since CENPF from samples and CENPF-HRP conjugate compete for the anti-CENPF antibody binding site. Since the number of sites is limited, as more sites are occupied by CENPF from the sample, fewer sites are left to bind CENPF-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CENPF concentration in each sample is interpolated from this standard curve. Intended Uses: This CENPF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CENPF. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CENPF elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	55770834
NCBI GeneID	1063
NCBI Accession #	NP_057427.3
NCBI GenBank Nucleotide #	NM_016343.3
Molecular Weight	367,764 Da
NCBI Official Full Name	centromere protein F
NCBI Official Synonym Full Names	centromere protein F, 350/400kDa
NCBI Official Symbol	CENPF
NCBI Official Synonym Symbols	CENF; hcp-1; PRO1779
NCBI Protein Information	centromere protein F; mitosin; AH antigen; kinetochore protein CENPF; CENP-F kinetochore protein; cell-cycle-dependent 350K nuclear protein; centromere protein F, 350/400ka (mitosin); centromere protein F, 350/400kDa (mitosin)
UniProt Protein Name	Centromere protein F
UniProt Gene Name	CENPF
UniProt Synonym Gene Names	CENP-F
UniProt Entry Name	CENPF_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://www.aaabiotech.com/mouse-elisa-kits/centromere-protein-f-cenpf/246513>