

Human Condensin 2 complex subunit H2 (NCAPH2) ELISA Kit | NCAPH2 elisa kit

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CATALOG #
AAA245166

REACTIVITY
Human

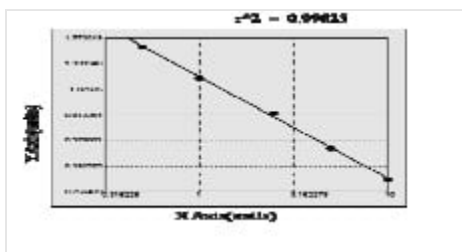
PRODUCT SYNONYMS

Condensin 2 complex subunit H2 (NCAPH2); Human Condensin 2 complex subunit H2 (NCAPH2) ELISA Kit; NCAPH2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
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 NCAPH2 elisa kit

Intended Uses||This NCAPH2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human NCAPH2. This ELISA kit for research use only!

Principle of the Assay: NCAPH2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-NCAPH2 antibody and an NCAPH2-HRP conjugate. The assay sample and buffer are incubated together with NCAPH2-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 NCAPH2 concentration since NCAPH2 from samples and NCAPH2-HRP conjugate compete for the anti-NCAPH2 antibody binding site. Since the number of sites is limited, as more sites are occupied by NCAPH2 from the sample, fewer sites are left to bind NCAPH2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NCAPH2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for NCAPH2 elisa kit

[Epigenetics and Nuclear Signaling](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	74709496
NCBI GeneID	29781
Molecular Weight	68,298 Da
NCBI Official Full Name	Condensin-2 complex subunit H2
NCBI Official Synonym Full Names	non-SMC condensin II complex, subunit H2
NCBI Official Symbol	NCAPH2
NCBI Official Synonym Symbols	CAPH2
NCBI Protein Information	condensin-2 complex subunit H2; CTA-384D8.36; kleisin beta; chromosome-associated protein H2; CAP-H2 subunit of the condensin II complex
UniProt Protein Name	Condensin-2 complex subunit H2
UniProt Gene Name	NCAPH2
UniProt Synonym Gene Names	CAPH2; hCAP-H2
UniProt Entry Name	CNDH2_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/human-elisa-kits/condensin-2-complex-subunit-h2-ncaph2/245166>