

Human Chromatin assembly factor 1 subunit B (CHAF1B) ELISA Kit | CHAF1B elisa kit

Human Chromatin assembly factor 1 subunit B (CHAF1B) ELISA Kit

CATALOG #
AAA244704

REACTIVITY
Human

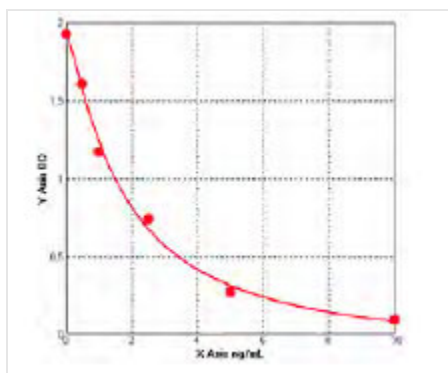
PRODUCT SYNONYMS

Chromatin assembly factor 1 subunit B (CHAF1B); Human Chromatin assembly factor 1 subunit B (CHAF1B) ELISA Kit; CHAF1B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CHAF1B. No significant cross-reactivity or interference between CHAF1B and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CHAF1B and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative 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 CHAF1B elisa kit	Intended Uses: This CHAF1B ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of HumanCHAF1B. This ELISA kit for research use only! Principle of the Assay: CHAF1B ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CHAF1B antibody and an CHAF1B-HRP conjugate. The assay sample and buffer are incubated together with CHAF1B-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 CHAF1B concentration since CHAF1B from samples and CHAF1B-HRP conjugate compete for the anti-CHAF1B antibody binding site. Since the number of sites is limited, as more sites are occupied by CHAF1B from the sample, fewer sites are left to bind CHAF1B-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CHAF1B concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CHAF1B elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885105
NCBI GeneID	8208
NCBI Accession #	NP_005432.1
NCBI GenBank Nucleotide #	NM_005441.2
Molecular Weight	61,493 Da
NCBI Official Full Name	chromatin assembly factor 1 subunit B
NCBI Official Synonym Full Names	chromatin assembly factor 1, subunit B (p60)
NCBI Official Symbol	CHAF1B
NCBI Official Synonym Symbols	CAF1; MPP7; CAF-1; CAF1A; CAF1P60; CAF-IP60; MPHOSPH7
NCBI Protein Information	chromatin assembly factor 1 subunit B; CAF-I p60; CAF-1 subunit B; CAF-I 60 kDa subunit; M-phase phosphoprotein 7; chromatin assembly factor I p60 subunit; human chromatin assembly factor-I p60 subunit
UniProt Protein Name	Chromatin assembly factor 1 subunit B
UniProt Gene Name	CHAF1B
UniProt Synonym Gene Names	CAF1A; CAF1P60; MPHOSPH7; MPP7; CAF-1 subunit B; CAF-I 60 kDa subunit; CAF-I p60
UniProt Entry Name	CAF1B_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/chromatin-assembly-factor-1-subunit-b-chaf1b/244704>