

Mouse Chromatin Assembly Factor 1, Subunit B (CHAF1B) ELISA Kit | CHAF1B elisa kit

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CATALOG #
AAA187535

REACTIVITY
Mouse

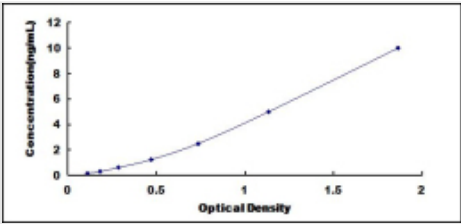
PRODUCT SYNONYMS

Chromatin Assembly Factor 1; Subunit B (CHAF1B); Mouse Chromatin Assembly Factor 1; Subunit B (CHAF1B) ELISA Kit; CAF-1; CAF-IP60; CAF1; CAF1A; CAF1P60; MPHOSPH7; MPP7; M-Phase Phosphoprotein 7; Chromatin Assembly Factor I; p60 subunit; M-phase phosphoprotein 7; CHAF1B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Chromatin Assembly Factor 1, Subunit B (CHAF1B). No significant cross-reactivity or interference between Chromatin Assembly Factor 1, Subunit B (CHAF1B) and analogues was observed.
Sequence Length	559
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.052ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Chromatin Assembly Factor 1, Subunit B (CHAF1B) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Chromatin Assembly Factor 1, Subunit B (CHAF1B) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CHAF1B elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Chromatin Assembly Factor 1, Subunit B (CHAF1B). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Chromatin Assembly Factor 1, Subunit B (CHAF1B). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Chromatin Assembly Factor 1, Subunit B (CHAF1B), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Chromatin Assembly Factor 1, Subunit B (CHAF1B) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4885105
NCBI GeneID	8208
NCBI Accession #	NP_005432.1
NCBI GenBank Nucleotide #	NM_005441.2
UniProt Accession #	Q13112; Q99548
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
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
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

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.