

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

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CATALOG #
AAA64140

REACTIVITY
Mouse

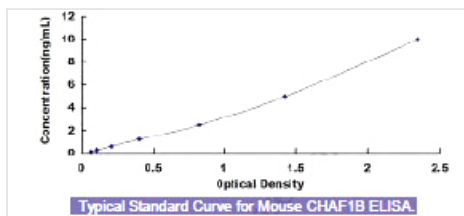
PRODUCT SYNONYMS

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 CHAF1B. No significant cross-reactivity or interference between CHAF1B and analogues was observed.
Sequence Length	572
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.052ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CHAF1B were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CHAF1B were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CHAF1B elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CHAF1B in mouse tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CHAF1B. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 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 #	21312470
NCBI GeneID	110749
NCBI Accession #	NP_082359.1
NCBI GenBank Nucleotide #	NM_028083.4
UniProt Accession #	Q9D0N7
Molecular Weight	63,132 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; CAF1A; C76145; CAF1P60; CAF-Ip60; MPHOSPH7; CAF-I p60; 2600017H24Rik
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	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.

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Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/chromatin-assembly-factor-1-subunit-b-chaf1b/64140>