

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

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CATALOG #  
**AAA244704**

REACTIVITY  
**Human**

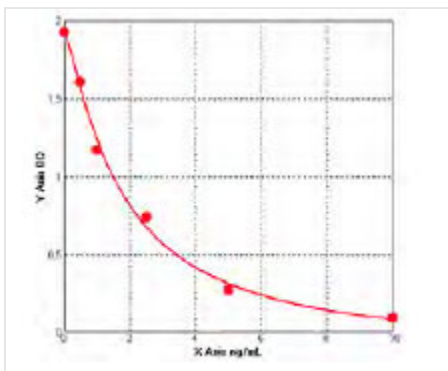
### PRODUCT SYNONYMS

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 | <p>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!</p> <p>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.</p> |
| 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.