

## Human RUNX1/Runt-Related Transcription Factor 1 ELISA Kit | RUNX1 elisa kit

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CATALOG #  
**AAA196589**

REACTIVITY  
**Human**

### PRODUCT SYNONYMS

RUNX1/Runt-Related Transcription Factor 1; Human RUNX1/Runt-Related Transcription Factor 1 ELISA Kit; Runt-related transcription factor 1; Acute myeloid leukemia 1 protein; Core-binding factor subunit alpha-2; CBF-alpha-2; Oncogene AML-1; Polyomavirus enhancer-binding protein 2 alpha B subunit; PEA2-alpha B; SL3-3 enhancer factor 1 alpha B subunit; SL3/AKV core-binding factor alpha B subunit; AML1; CBFA2; RUNX1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                 |
| Specificity             | Recombinant and natural Human Runt-related transcription factor 1                     |
| Sequence Length         | 453                                                                                   |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids |
| Detection Range         | 31.2 pg/mL-2000 pg/mL                                                                 |
| Sensitivity             | < 10 pg/mL                                                                            |
| Intra-assay Precision   | <=4.4%                                                                                |
| Inter-assay Precision   | <=7.5%                                                                                |
| Preparation and Storage | For long term storage, please store the entire kit at -20 degree C.                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for RUNX1 elisa kit

**Principle of the Assay:** The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm  $\pm$  2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

**Intended Uses:** This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

### NCBI AND UNIPROT INFORMATION

NCBI GI # [49574546](#)

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GeneID                      | 861                                                                    |
| NCBI Accession #                 | NP_001001890.1                                                         |
| NCBI GenBank Nucleotide #        | NM_001001890.2                                                         |
| UniProt Accession #              | Q01196                                                                 |
| NCBI Official Full Name          | runt-related transcription factor 1 isoform AML1b                      |
| NCBI Official Synonym Full Names | runt related transcription factor 1                                    |
| NCBI Official Symbol             | RUNX1                                                                  |
| NCBI Official Synonym Symbols    | AML1; CBFA2; EVI-1; AMLCR1; PEBP2aB; CBF2alpha; AML1-EVI-1; PEBP2alpha |
| NCBI Protein Information         | runt-related transcription factor 1                                    |
| UniProt Protein Name             | Runt-related transcription factor 1                                    |
| UniProt Gene Name                | <b>RUNX1</b>                                                           |
| UniProt Synonym Gene Names       | AML1; CBFA2; CBF-alpha-2; PEA2-alpha B                                 |
| UniProt Entry Name               | RUNX1_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/runx1-runt-related-transcription-factor-1/196589>