

## Human Transcription factor AP-1 ELISA Kit | JUN elisa kit

Human Transcription factor AP-1 ELISA Kit

CATALOG #  
**AAA98475**

REACTIVITY  
**Human**

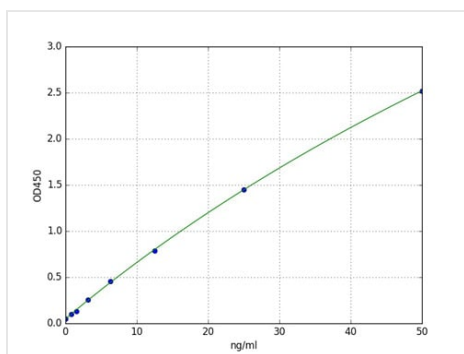
### PRODUCT SYNONYMS

Transcription factor AP-1; Human Transcription factor AP-1 ELISA Kit; c-jun/V-jun avian sarcoma virus 17 oncogene homolog/Transcription factor AP-1/p39/Activator protein 1/AP1/Proto-oncogene c-Jun; JUN elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                        |
| Sequence Length         | 331                                                                                                                                                          |
| Assay Type              | Sandwich ELISA, Double Antibody                                                                                                                              |
| Samples                 | Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples                                                                         |
| Detection Range         | 0.156-10ng/ml                                                                                                                                                |
| Sensitivity             | 0.094ng/ml                                                                                                                                                   |
| Preparation and Storage | Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C |

### IMAGES



Standard Curve (Sample)

#### Typical Data & Standard Curve

Results of a typical standard run of a Human c-jun ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

| X | ng/ml | 0     | 0.781 | 1.563 | 3.125 | 6.25  | 12.5  | 25    | 50    |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Y | OD450 | 0.073 | 0.140 | 0.204 | 0.340 | 0.637 | 0.930 | 1.712 | 2.227 |

Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for JUN elisa kit

**Principle of the Assay**||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human c-jun antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human c-jun antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human c-jun amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human c-jun can be calculated.

NCBI AND UNIPROT INFORMATION

|                                  |                           |
|----------------------------------|---------------------------|
| NCBI GI #                        | 4758616                   |
| NCBI GeneID                      | 3725                      |
| NCBI Accession #                 | NP_002219.1               |
| NCBI GenBank Nucleotide #        | NM_002228.3               |
| Molecular Weight                 | 35,676 Da                 |
| NCBI Official Full Name          | transcription factor AP-1 |
| NCBI Official Synonym Full Names | jun proto-oncogene        |
| NCBI Official Symbol             | JUN                       |
| NCBI Official Synonym Symbols    | AP1; AP-1; c-Jun          |
| NCBI Protein Information         | transcription factor AP-1 |
| UniProt Protein Name             | Transcription factor AP-1 |
| UniProt Gene Name                | <b>JUN</b>                |
| UniProt Synonym Gene Names       | AP1                       |
| UniProt Entry Name               | JUN_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/jun-human-elisa-kits/transcription-factor-ap-1/98475>