

Rat Transcription factor AP-1 ELISA Kit | Jun elisa kit

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CATALOG #
AAA98185

REACTIVITY
Rat

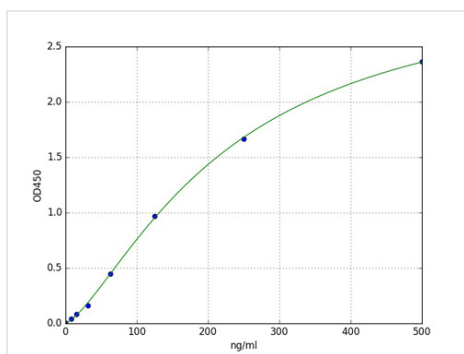
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	331
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	7.813-500ng/ml
Sensitivity	4.688ng/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 Rat 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	7.8	15.6	31.2	62.5	125	250	500
Y	OD450	0.039	0.112	0.157	0.239	0.412	0.829	1.583	2.396

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-Rat Jun antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat 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 Rat Jun amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat 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	JUN
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-rat-elisa-kits/transcription-factor-ap-1/98185>