

Mouse V-Jun Sarcoma Virus 17 Oncogene Homolog (JUN) ELISA Kit | JUN elisa kit

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CATALOG #
AAA68591

REACTIVITY
Mouse

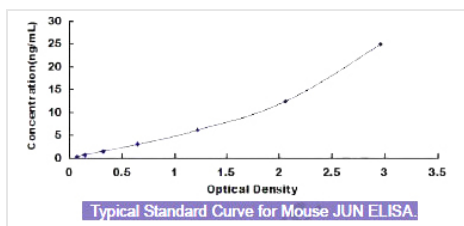
PRODUCT SYNONYMS

V-Jun Sarcoma Virus 17 Oncogene Homolog (JUN); Mouse V-Jun Sarcoma Virus 17 Oncogene Homolog (JUN) ELISA Kit; C-Jun; AP1; CJun; p39; Jun Oncogene; Proto-oncogene c-Jun; Activator protein 1; Transcription factor AP-1; JUN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of JUN. No significant cross-reactivity or interference between JUN and analogues was observed.
Sequence Length	334
Samples	Tissue homogenates, cell lysates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.391-25ng/mL
Sensitivity	<0.172ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level JUN 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 JUN were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for JUN elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of JUN in mouse tissue homogenates, cell lysates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to JUN. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to JUN. 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 JUN, 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 JUN 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 #	6754402
NCBI GeneID	16476
NCBI Accession #	NP_034721.1
NCBI GenBank Nucleotide #	NM_010591.2
UniProt Accession #	P05627
Molecular Weight	35,944 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	AP-1; Junc; 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; Jun A

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/mouse-elisa-kits/v-jun-sarcoma-virus-17-oncogene-homolog-jun/68591>