

Mouse C-Jun ELISA Kit | c-Jun elisa kit

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CATALOG #
AAA83630

REACTIVITY
Mouse

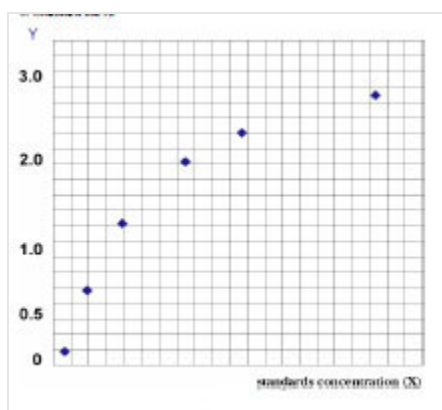
PRODUCT SYNONYMS

C-Jun; Mouse C-Jun ELISA Kit; c-Jun elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for c-Jun elisa kit

Intended Uses: This C-JUN ELISA kit is intended Laboratory for research use only. The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of C-JUN in the sample, this C-JUN ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus C-JUN concentration. The concentration of C-JUN in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Principle of the Assay: This C-JUN enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific for C-JUN. Standards or samples are then added to the microtiter plate wells and C-JUN if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of C-JUN present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for C-JUN are added to each well to "sandwich" the C-JUN immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain C-JUN and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1911701
NCBI GeneID	396913
Molecular Weight	35,629 Da
NCBI Official Full Name	c-Jun
NCBI Official Symbol	C-JUN
NCBI Official Synonym Symbols	Jun
NCBI Protein Information	transcription factor AP-1; AP1; activator protein 1; proto-oncogene c-jun; V-jun avian sarcoma virus 17 oncogene homolog
UniProt Protein Name	Transcription factor AP-1
UniProt Gene Name	JUN
UniProt Synonym Gene Names	AP1
UniProt Entry Name	JUN_PIG

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.