

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

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CATALOG #
AAA95681

REACTIVITY
Canine

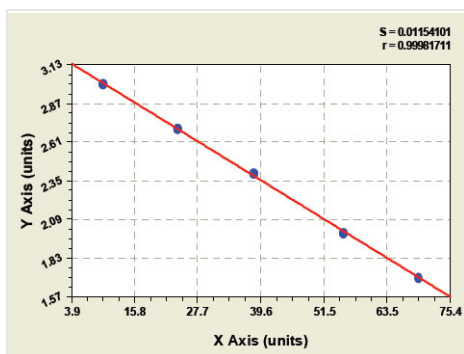
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
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 a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine c-Jun. This ELISA kit for research use only!

Principle of the Assay: c-Jun ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-c-Jun antibody and an c-Jun-HRP conjugate. The assay sample and buffer are incubated together with c-Jun-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the c-Jun concentration since c-Jun from samples and c-Jun-HRP conjugate compete for the anti-c-Jun antibody binding site. Since the number of sites is limited, as more sites are occupied by c-Jun from the sample, fewer sites are left to bind c-Jun-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The c-Jun concentration in each sample is interpolated from this standard curve.

Product Categories/Family for c-Jun elisa kit

Cardiovascular

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.

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Online datasheet: <https://stage.aaabiotech.com/canine-elisa-kits/c-jun/95681>