

Canine c-Fos ELISA Kit | c-Fos elisa kit

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CATALOG #
AAA89446

REACTIVITY
Canine

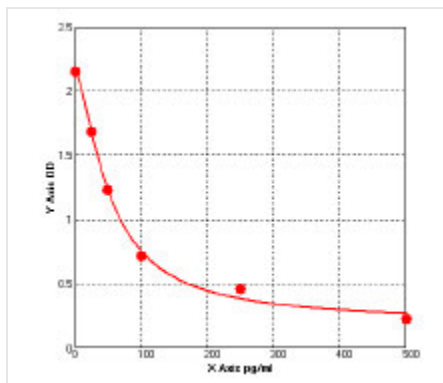
PRODUCT SYNONYMS

c-Fos; Canine c-Fos ELISA Kit; c-Fos elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of c-Fos. No significant cross-reactivity or interference between c-Fos and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between c-Fos and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for c-Fos elisa kit	Intended Uses: This c-Fos ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine c-Fos. This ELISA kit for research use only! Principle of the Assay: c-Fos ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-c-Fos antibody and an c-Fos-HRP conjugate. The assay sample and buffer are incubated together with c-Fos-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-Fos concentration since c-Fos from samples and c-Fos-HRP conjugate compete for the anti-c-Fos antibody binding site. Since the number of sites is limited, as more sites are occupied by c-Fos from the sample, fewer sites are left to bind c-Fos-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The c-Fos concentration in each sample is interpolated from this standard curve.
Product Categories/Family for c-Fos elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	29904
NCBI GeneID	2353
UniProt Accession #	P01100; P18849; A8K4E2; B4DQ65
Molecular Weight	36,301 Da
NCBI Official Full Name	c-fos
NCBI Official Synonym Full Names	FBJ murine osteosarcoma viral oncogene homolog
NCBI Official Symbol	FOS
NCBI Official Synonym Symbols	p55; AP-1; C-FOS
NCBI Protein Information	proto-oncogene c-Fos; activator protein 1; cellular oncogene c-fos; G0/G1 switch regulatory protein 7; FBJ murine osteosarcoma viral (v-fos) oncogene homolog (oncogene FOS)
UniProt Protein Name	Proto-oncogene c-Fos
UniProt Gene Name	FOS
UniProt Synonym Gene Names	G0S7
UniProt Entry Name	FOS_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/canine-elisa-kits/c-fos/89446>