

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

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CATALOG #
AAA89956

REACTIVITY
Porcine

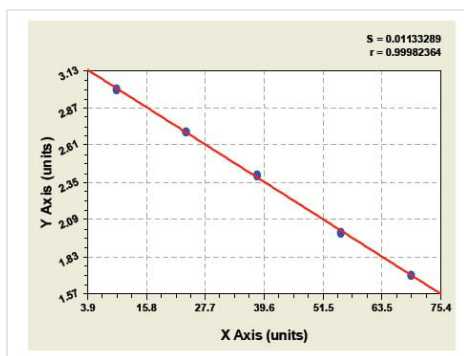
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	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

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This c-Fos ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine 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 monoclonal 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	29904
NCBI GeneID	2353
UniProt Accession #	P01100; P18849; Q6FG41; Q76MY9; Q76MZ0
Molecular Weight	40,695 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.