Bovine V-Fos FBJ Murine Osteosarcoma Viral Oncogene Homolog ELISA Kit | FOS elisa kit

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CATALOG #	REACTIVITY
AAA93290	**Bovine**

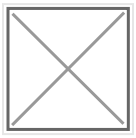
PRODUCT SYNONYMS

V-Fos FBJ Murine Osteosarcoma Viral Oncogene Homolog; Bovine V-Fos FBJ Murine Osteosarcoma Viral Oncogene Homolog ELISA Kit; FOS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This FOS ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine FOS. This ELISA kit for research use only, not for therapeutic applications
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FOS elisa kit	**Principle of the Assay:** FOS ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FOS antibody and an FOS-HRP conjugate. The assay sample and buffer are incubated together with 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 FOS concentration since FOS from samples and FOS-HRP conjugate compete for the anti-FOS antibody binding site. Since the number of sites is limited, as more sites are occupied by FOS from the sample, fewer sites are left to bind FOS-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FOS concentration in each sample is interpolated from this standard curve.
Product Categories/Family for FOS elisa kit	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	49457528
NCBI GeneID	2353
UniProt Accession #	Q6FG41; P01100

Molecular Weight	40,695 Da
NCBI Official Full Name	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	FOS protein
UniProt Gene Name	**FOS**
UniProt Synonym Gene Names	hCG_22355
UniProt Entry Name	Q6FG41_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/bovine-ovine-elisa-kits/v-fos-fbj-murine-osteosarcoma-viral-oncogene-homolog/93290