

Rat FOS Like Antigen 1 ELISA Kit | FOSL1 elisa kit

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CATALOG #
AAA85925

REACTIVITY
Rat

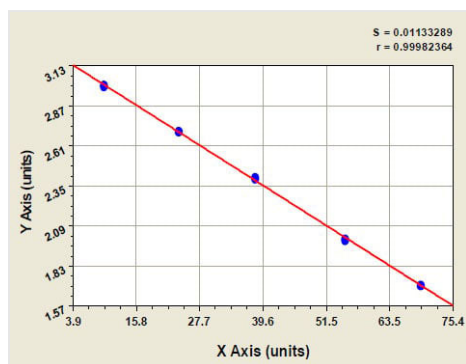
PRODUCT SYNONYMS

FOS Like Antigen 1; Rat FOS Like Antigen 1 ELISA Kit; FOSL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This FOSL1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat FOSL1. 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 FOSL1 elisa kit

Principle of the assay: FOSL1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FOSL1 antibody and an FOSL1-HRP conjugate. The assay sample and buffer are incubated together with FOSL1-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 FOSL1 concentration since FOSL1 from samples and FOSL1-HRP conjugate compete for the anti-FOSL1 antibody binding site. Since the number of sites is limited, as more sites are occupied by FOSL1 from the sample, fewer sites are left to bind FOSL1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FOSL1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885243
NCBI GeneID	8061
NCBI Accession #	NP_005429.1
NCBI GenBank Nucleotide #	NM_005438.4
NCBI Official Full Name	fos-related antigen 1 isoform 1

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://www.aaabiotech.com/fosl1-rat-elisa-kits/fos-like-antigen-1/85925>