

Goat Activating Transcription Factor 1 ELISA Kit | ATF1 elisa kit

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CATALOG # AAA94650	REACTIVITY Goat
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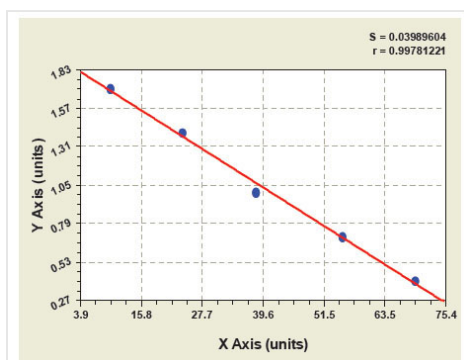
PRODUCT SYNONYMS

Activating Transcription Factor 1; Goat Activating Transcription Factor 1 ELISA Kit; ATF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This ATF1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat ATF1. 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 ATF1 elisa kit	Principle of the assay: ATF1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ATF1 antibody and an ATF1-HRP conjugate. The assay sample and buffer are incubated together with ATF1-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 ATF1 concentration since ATF1 from samples and ATF1-HRP conjugate compete for the anti-ATF1 antibody binding site. Since the number of sites is limited, as more sites are occupied by ATF1 from the sample, fewer sites are left to bind ATF1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ATF1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ATF1 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	119578555
NCBI GeneID	466
Molecular Weight	15,295 Da
NCBI Official Full Name	activating transcription factor 1
NCBI Official Synonym Full Names	activating transcription factor 1
NCBI Official Symbol	ATF1
NCBI Official Synonym Symbols	TREB36; EWS-ATF1; FUS/ATF-1
NCBI Protein Information	cyclic AMP-dependent transcription factor ATF-1; cAMP-dependent transcription factor ATF-1
UniProt Protein Name	Cyclic AMP-dependent transcription factor ATF-1
UniProt Gene Name	ATF1
UniProt Synonym Gene Names	cAMP-dependent transcription factor ATF-1
UniProt Entry Name	ATF1_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/atf1-goat-elisa-kits/activating-transcription-factor-1/94650>