

Human ATF4 ELISA Kit | ATF4 elisa kit

Human ATF4 (Activating Transcription Factor 4) ELISA Kit

CATALOG #
AAA165031

REACTIVITY
Human

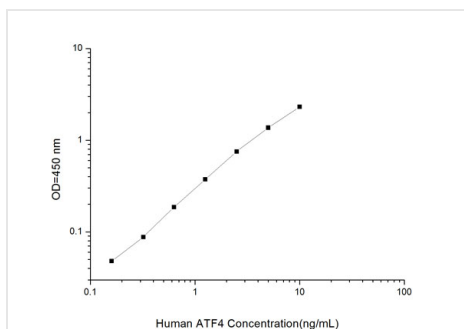
PRODUCT SYNONYMS

ATF4; Human ATF4 (Activating Transcription Factor 4) ELISA Kit; ATF4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human ATF4. No significant cross-reactivity or interference between Human ATF4 and analogues was observed.
Sequence Length	336
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATF4 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanATF4concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to ATF4. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for ATF4and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain ATF4, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of ATF4.You can calculate the concentration of ATF4in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	52345474
NCBI GeneID	448005
NCBI Accession #	NP_001004785.1
NCBI GenBank Nucleotide #	NM_001004785.1
NCBI Official Full Name	activating transcription factor 4
NCBI Official Synonym Full Names	activating transcription factor 4
NCBI Official Symbol	atf4
NCBI Official Synonym Symbols	atf-4; creb2; txreb; creb-2; taxreb67
NCBI Protein Information	activating transcription factor 4; activating transcription factor 4 (tax-responsive enhancer element B67)

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/human-elisa-kits/atf4/165031>