

Human Activating Transcription Factor 2 ELISA Kit | ATF-2 elisa kit

Human Activating Transcription Factor 2 ELISA Kit

CATALOG #
AAA98214

REACTIVITY
Human

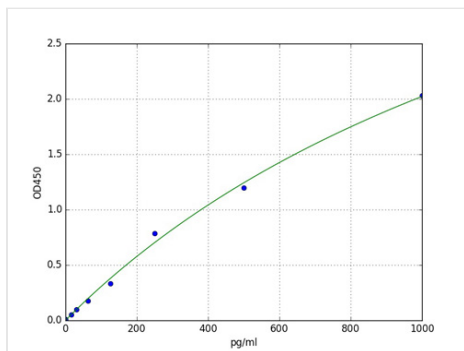
PRODUCT SYNONYMS

Activating Transcription Factor 2; Human Activating Transcription Factor 2 ELISA Kit; ATF-2; ATF-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	505
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human ATF-2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.010	0.105	0.234	0.446	0.825	1.389	1.976	2.351

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATF-2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human ATF-2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human ATF-2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human ATF-2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human ATF-2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

120660330

NCBI GeneID	1386
Molecular Weight	15,409 Da
NCBI Official Full Name	Activating transcription factor 2
NCBI Official Synonym Full Names	activating transcription factor 2
NCBI Official Symbol	ATF2
NCBI Official Synonym Symbols	HB16; CREB2; TREB7; CREB-2; CRE-BP1
NCBI Protein Information	cyclic AMP-dependent transcription factor ATF-2
UniProt Protein Name	Cyclic AMP-dependent transcription factor ATF-2
UniProt Gene Name	ATF2
UniProt Synonym Gene Names	CREB2; CREBP1; cAMP-dependent transcription factor ATF-2; CREB-2; cAMP-responsive element-binding protein 2
UniProt Entry Name	ATF2_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/atf-2-human-elisa-kits/activating-transcription-factor-2/98214>