

Human Activating Transcription Factor 3 ELISA Kit | ATF-3 elisa kit

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CATALOG #
AAA98887

REACTIVITY
Human

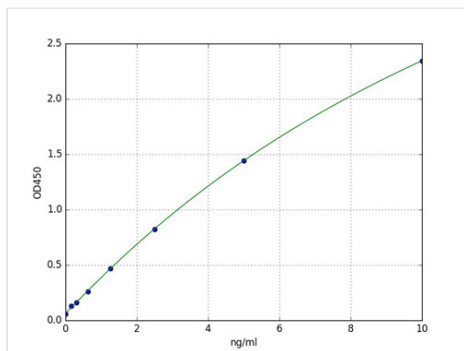
PRODUCT SYNONYMS

Activating Transcription Factor 3; Human Activating Transcription Factor 3 ELISA Kit; ATF-3/JDP1/JUNDM1/SNFT/basic leucine zipper transcription factor; ATF-like 3/basic leucine zipper transcriptional factor ATF-like 3/B-ATF-3/FLJ36352/FLJ37535; 21 kDa small nuclear factor isolated from T-cells/JDP1/Jun dimerization protein 1/Jun dimerization protein p21SNFT/JUNDM1/SNFT21-kD small nuclear factor isolated from T cells; ATF-3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	181
Assay Type	Sandwich ELISA, Double Antibody
Samples	cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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-3 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	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.081	0.128	0.162	0.257	0.469	0.832	1.506	2.023

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATF-3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human ATF-3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human ATF-3 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-3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human ATF-3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	442422
NCBI GeneID	467
Molecular Weight	14,314 Da
NCBI Official Full Name	activating transcription factor 3
NCBI Official Synonym Full Names	activating transcription factor 3
NCBI Official Symbol	ATF3
NCBI Protein Information	cyclic AMP-dependent transcription factor ATF-3
UniProt Protein Name	Cyclic AMP-dependent transcription factor ATF-3
UniProt Gene Name	ATF3
UniProt Synonym Gene Names	cAMP-dependent transcription factor ATF-3
UniProt Entry Name	ATF3_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-3-human-elisa-kits/activating-transcription-factor-3/98887>