

Human Cyclic AMP-dependent transcription factor ATF-3 (ATF-3) ELISA Kit | ATF-3 elisa kit

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CATALOG #
AAA11359

REACTIVITY
Human

PRODUCT SYNONYMS

Cyclic AMP-dependent transcription factor ATF-3 (ATF-3); Human Cyclic AMP-dependent transcription factor ATF-3 (ATF-3) ELISA Kit; ATF-3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	181
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 15ng/ml
Sensitivity	0.024ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATF-3 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Cyclic AMP-dependent Transcription Factor ATF-3 (also known as ATF-3) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human ATF-3 antibody. ATF-3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human ATF-3 Antibody is added and binds to ATF-3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ATF-3 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human ATF-3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #

[71902536](#)

NCBI GeneID	467
NCBI Accession #	NP_001025458.1
NCBI GenBank Nucleotide #	NM_001030287.3
UniProt Accession #	P18847 ; Q5VTZ2 ; Q6ICQ9 ; Q7Z566 ; Q8WYM6
Molecular Weight	13,266 Da
NCBI Official Full Name	cyclic AMP-dependent transcription factor ATF-3 isoform 1
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

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/cyclic-amp-dependent-transcription-factor-atf-3-atf-3/11359>