

Rat Activating Transcription Factor 4 (ATF4) ELISA Kit | ATF4 elisa kit

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CATALOG #
AAA121046

REACTIVITY
Rat

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	351
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 15ng/ml
Sensitivity	0.01ng/ml
Intra-Assay	CV<8%
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 ATF4 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Activating Transcription Factor 4 (also known as ATF4) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat ATF4 antibody. ATF4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat ATF4 Antibody is added and binds to ATF4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ATF4 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 Rat ATF4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47678299
NCBI GeneID	468
UniProt Accession #	Q96AQ3; Q9UHZ1; P18848
Molecular Weight	38,590 Da
NCBI Official Full Name	ATF4
NCBI Official Synonym Full Names	activating transcription factor 4
NCBI Official Symbol	ATF4
NCBI Official Synonym Symbols	CREB2; TXREB; CREB-2; TAXREB67
NCBI Protein Information	cyclic AMP-dependent transcription factor ATF-4
UniProt Protein Name	Cyclic AMP-dependent transcription factor ATF-4
UniProt Gene Name	ATF4
UniProt Synonym Gene Names	CREB2; TXREB; cAMP-dependent transcription factor ATF-4; CREB-2; cAMP-responsive element-binding protein 2; TaxREB67

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/rat-elisa-kits/activating-transcription-factor-4-atf4/121046>