

Human Cyclic AMP dependent transcription factor ATF 5 (ATF5) ELISA Kit | ATF5 elisa kit

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CATALOG #
AAA245250

REACTIVITY
Human

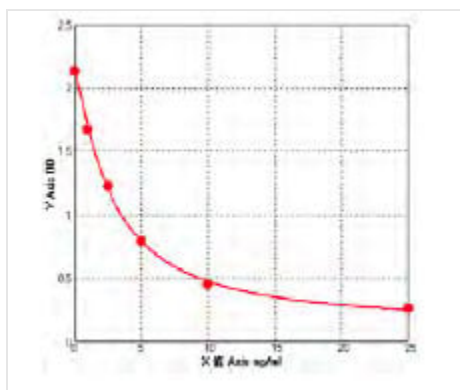
PRODUCT SYNONYMS

Cyclic AMP dependent transcription factor ATF 5 (ATF5); Human Cyclic AMP dependent transcription factor ATF 5 (ATF5) ELISA Kit; ATF5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATF5 elisa kit

Intended Uses: This ATF4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ATF4. This ELISA kit for research use only!

Principle of the Assay: ATF4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ATF4 antibody and an ATF4-HRP conjugate. The assay sample and buffer are incubated together with ATF4-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ATF4 concentration since ATF4 from samples and ATF4-HRP conjugate compete for the anti-ATF4 antibody binding site. Since the number of sites is limited, as more sites are occupied by ATF4 from the sample, fewer sites are left to bind ATF4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ATF4 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	595582406
NCBI GeneID	22809
NCBI Accession #	NP_001277675.1
NCBI GenBank Nucleotide #	NM_001290746.1
Molecular Weight	30,674 Da
NCBI Official Full Name	cyclic AMP-dependent transcription factor ATF-5
NCBI Official Synonym Full Names	activating transcription factor 5
NCBI Official Symbol	ATF5
NCBI Official Synonym Symbols	ATFX; HMFN0395
NCBI Protein Information	cyclic AMP-dependent transcription factor ATF-5; transcription factor ATFX; cAMP-dependent transcription factor ATF-5
UniProt Protein Name	Cyclic AMP-dependent transcription factor ATF-5
UniProt Gene Name	ATF5
UniProt Synonym Gene Names	ATFX; cAMP-dependent transcription factor ATF-5
UniProt Entry Name	ATF5_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/human-elisa-kits/cyclic-amp-dependent-transcription-factor-atf-5-atf5/245250>