

Guinea Pig Activating Transcription Factor 7 ELISA Kit | ATF7 elisa kit

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CATALOG #
AAA82136

REACTIVITY
Guinea Pig

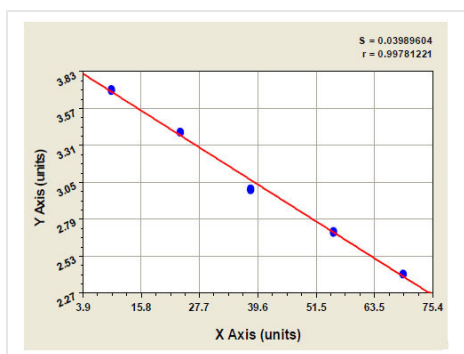
PRODUCT SYNONYMS

Activating Transcription Factor 7; Guinea Pig Activating Transcription Factor 7 ELISA Kit; ATF7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This AFT7 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig AFT7. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATF7 elisa kit

Principle of the assay: AFT7 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-AFT7 antibody and an AFT7-HRP conjugate. The assay sample and buffer are incubated together with AFT7-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 AFT7 concentration since AFT7 from samples and AFT7-HRP conjugate compete for the anti-AFT7 antibody binding site. Since the number of sites is limited, as more sites are occupied by AFT7 from the sample, fewer sites are left to bind AFT7-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AFT7 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27503897
NCBI GeneID	11016
UniProt Accession #	Q8IVR8; P17544
Molecular Weight	13,282 Da
NCBI Official Full Name	ATF7 protein
NCBI Official Synonym Full Names	activating transcription factor 7
NCBI Official Symbol	ATF7
NCBI Official Synonym Symbols	ATFA; MGC57182
NCBI Protein Information	cyclic AMP-dependent transcription factor ATF-7; transcription factor ATF-A
UniProt Protein Name	ATF7 protein
UniProt Gene Name	ATF7
UniProt Entry Name	Q8IVR8_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/atf7-guinea-pig-pig-elisa-kits/activating-transcription-factor-7/82136>