

Canine Activating Transcription Factor 2 ELISA Kit | ATF2 elisa kit

Canine Activating Transcription Factor 2 ELISA Kit

CATALOG #
AAA93923

REACTIVITY
Canine

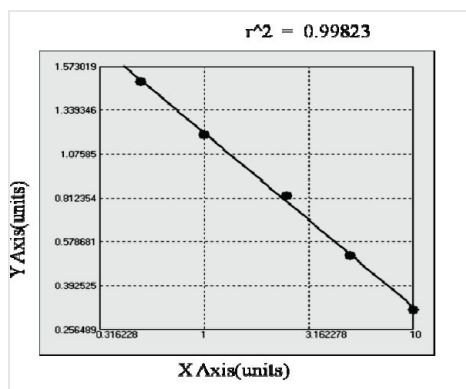
PRODUCT SYNONYMS

Activating Transcription Factor 2; Canine Activating Transcription Factor 2 ELISA Kit; ATF2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	the ATF2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine ATF2. 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 ATF2 elisa kit

Principle of the Assay: ATF2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ATF2 antibody and an ATF2-HRP conjugate. The assay sample and buffer are incubated together with ATF2-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 ATF2 concentration since ATF2 from samples and ATF2-HRP conjugate compete for the anti-ATF2 antibody binding site. Since the number of sites is limited, as more sites are occupied by ATF2 from the sample, fewer sites are left to bind ATF2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ATF2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	148225358
NCBI GeneID	378533
NCBI Accession #	NP_001079255.1
NCBI GenBank Nucleotide #	NM_001085786.1
NCBI Official Full Name	activating transcription factor 2
NCBI Official Synonym Full Names	activating transcription factor 2<
NCBI Official Symbol	atf2
NCBI Official Synonym Symbols	atf2-A
NCBI Protein Information	activating transcription factor 2

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/atf2-canine-elisa-kits/activating-transcription-factor-2/93923>