

Human Basic leucine zipper transcription factor ATF like ELISA Kit | BATF elisa kit

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CATALOG #
AAA85822

REACTIVITY
Human

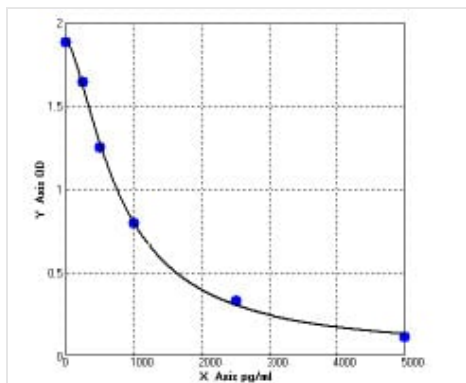
PRODUCT SYNONYMS

Basic leucine zipper transcription factor ATF like; Human Basic leucine zipper transcription factor ATF like ELISA Kit; BATF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of BATF. No significant cross-reactivity or interference between BATF and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between BATF and all the analogues, therefore, cross reaction may still exist in some cases.
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 BATF elisa kit	Intended Uses: This BATF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human BATF. This ELISA kit for research use only! Principle of the Assay: BATF ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-BATF antibody and an BATF-HRP conjugate. The assay sample and buffer are incubated together with BATF-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 BATF concentration since BATF from samples and BATF-HRP conjugate compete for the anti-BATF antibody binding site. Since the number of sites is limited, as more sites are occupied by BATF from the sample, fewer sites are left to bind BATF-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BATF concentration in each sample is interpolated from this standard curve.
Product Categories/Family for BATF elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	119601640
NCBI GeneID	10538
Molecular Weight	14,120 Da
NCBI Official Full Name	basic leucine zipper transcription factor, ATF-like
NCBI Official Synonym Full Names	basic leucine zipper transcription factor, ATF-like
NCBI Official Symbol	BATF
NCBI Official Synonym Symbols	SFA2; B-ATF; BATF1; SFA-2
NCBI Protein Information	basic leucine zipper transcriptional factor ATF-like; SF-HT-activated gene 2 protein; activating transcription factor B; B-cell-activating transcription factor
UniProt Protein Name	Basic leucine zipper transcriptional factor ATF-like
UniProt Gene Name	BATF
UniProt Synonym Gene Names	B-ATF; SFA-2
UniProt Entry Name	BATF_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/batf-human-elisa-kits/basic-leucine-zipper-transcription-factor-atf-like/85822>