

Human Serine/threonine-protein kinase TBK1 ELISA Kit | TBK1 elisa kit

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CATALOG #
AAA196039

REACTIVITY
Human

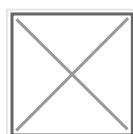
PRODUCT SYNONYMS

Serine/threonine-protein kinase TBK1; Human Serine/threonine-protein kinase TBK1 ELISA Kit; NF-kappa-B-activating kinase; T2K; TANK-binding kinase 1; TBK1; NAK; 2.7.11.1; TBK1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural humanSerine/threonine-protein kinase TBK1. No significant cross-reactivity or interference was observed.
Sequence Length	729
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.078 ng/mL
Intra-Assay CV	<=8.1%
Inter-Assay CV	<=10.2%
Recovery	95%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TBK1 elisa kit

Intended Uses||This immunoassay kit allows for the in vitro quantitative determination ofhumanSerine/threonine-protein kinase TBK1concentrations in serum, Plasma,tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Serine/threonine-protein kinase TBK1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific forSerine/threonine-protein kinase TBK1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Serine/threonine-protein kinase TBK1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Serine/threonine-protein kinase TBK1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7019547
NCBI GeneID	29110
NCBI Accession #	NP_037386.1
NCBI GenBank Nucleotide #	NM_013254.3
UniProt Accession #	Q9UHD2; Q8IYV3; Q9NUJ5; A8K4S4
Molecular Weight	83,642 Da
NCBI Official Full Name	serine/threonine-protein kinase TBK1
NCBI Official Synonym Full Names	TANK-binding kinase 1
NCBI Official Symbol	TBK1
NCBI Official Synonym Symbols	NAK; T2K; FTDALS4
NCBI Protein Information	serine/threonine-protein kinase TBK1
UniProt Protein Name	Serine/threonine-protein kinase TBK1
UniProt Gene Name	TBK1
UniProt Synonym Gene Names	NAK
UniProt Entry Name	TBK1_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/human-elisa-kits/serine-threonine-protein-kinase-tbk1/196039>