

Human Eukaryotic elongation factor 2 kinase ELISA Kit | EEF2K elisa kit

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CATALOG #
AAA193659

REACTIVITY
Human

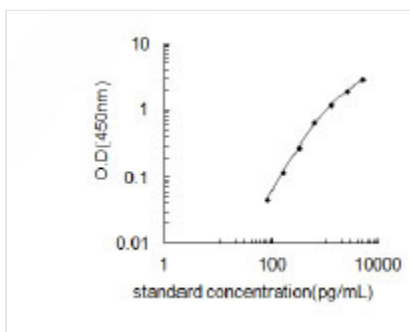
PRODUCT SYNONYMS

Eukaryotic elongation factor 2 kinase; Human Eukaryotic elongation factor 2 kinase ELISA Kit; eEF-2 kinase; eEF-2K; Calcium/calmodulin-dependent eukaryotic elongation factor 2 kinase; EEF2K; 2.7.11.20; EEF2K elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Eukaryotic elongation factor 2 kinase,eEF-2 kinase
Sequence Length	725
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	78-5000 pg/mL
Sensitivity	<39.28 pg/mL
Intra-assay Precision	Intra-Assay CV: <=6.6%
Inter-assay Precision	Inter-Assay CV: <=10.3%
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 EEF2K elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9558749
NCBI GeneID	29904
NCBI Accession #	NP_037434.1
NCBI GenBank Nucleotide #	NM_013302.3
UniProt Accession #	O00418; Q8N588
Molecular Weight	82,144 Da
NCBI Official Full Name	eukaryotic elongation factor 2 kinase
NCBI Official Synonym Full Names	eukaryotic elongation factor 2 kinase
NCBI Official Symbol	EEF2K
NCBI Official Synonym Symbols	eEF-2K; HSU93850
NCBI Protein Information	eukaryotic elongation factor 2 kinase
UniProt Protein Name	Eukaryotic elongation factor 2 kinase
UniProt Gene Name	EEF2K
UniProt Synonym Gene Names	eEF-2 kinase; eEF-2K
UniProt Entry Name	EF2K_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/eef2k-human-elisa-kits/eukaryotic-elongation-factor-2-kinase/193659>