

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

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CATALOG #
AAA250422

REACTIVITY
Human

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of EEF2K. No significant cross-reactivity or interference between EEF2K and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.6-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for EEF2K elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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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; eEF-2 kinase; elongation factor-2 kinase; eukaroytic elongation factor 2 kinase; calmodulin-dependent protein kinase III; calcium/calmodulin-dependent eukaryotic elongation factor 2 kinase; calcium/calmodulin-depende
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://www.aaabiotech.com/human-elisa-kits/eef2k-eukaryotic-elongation-factor-2-kinase/250422>