

Mouse Eukaryotic Translation Initiation Factor 2 Alpha Kinase 3 (EIF2aK3) RTU ELISA Kit | EIF2aK3 rtu elisa kit

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CATALOG # AAA70379	REACTIVITY Mouse
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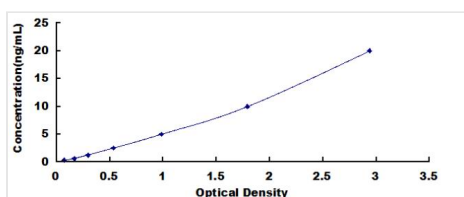
PRODUCT SYNONYMS

Eukaryotic Translation Initiation Factor 2 Alpha Kinase 3 (EIF2aK3); Mouse Eukaryotic Translation Initiation Factor 2 Alpha Kinase 3 (EIF2aK3) ELISA Kit; WRS; PEK; PERK; HsPEK; PRKR-like endoplasmic reticulum kinase; Pancreatic eIF2-alpha kinase; EIF2aK3 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	152
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.108ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EIF2aK3 rtu elisa kit	Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to EIF2aK3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to EIF2aK3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain EIF2aK3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of EIF2aK3 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 #	927028879
NCBI GeneID	13666
NCBI Accession #	NP_001300847.1
NCBI GenBank Nucleotide #	NM_001313918.1
UniProt Accession #	Q9Z2B5; Q9CTK8; Q9CWT5
Molecular Weight	124,682 Da
NCBI Official Full Name	eukaryotic translation initiation factor 2-alpha kinase 3 isoform 2
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 2 alpha kinase 3
NCBI Official Symbol	Eif2ak3
NCBI Official Synonym Symbols	Pek; Perk
NCBI Protein Information	eukaryotic translation initiation factor 2-alpha kinase 3
UniProt Protein Name	Eukaryotic translation initiation factor 2-alpha kinase 3
UniProt Gene Name	Eif2ak3
UniProt Synonym Gene Names	Pek; Perk

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/mouse-rtu-elisa-kits/eukaryotic-translation-initiation-factor-2-alpha-kinase-3-eif2ak3/70379>