

Human Adenylate Kinase 3 (AK3) RTU ELISA Kit | AK3 rtu elisa kit

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CATALOG #
AAA68989

REACTIVITY
Human

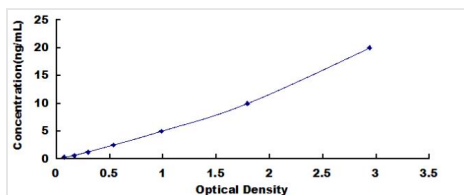
PRODUCT SYNONYMS

Adenylate Kinase 3 (AK3); Human Adenylate Kinase 3 (AK3) ELISA Kit; AK3L1; AK6; AKL3L; Adenylate Kinase 3 Alpha-Like 1; GTP:AMP Phosphotransferase AK3; Mitochondrial; AK3 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	187
Assay Type	Sandwich
Samples	Serum, Plasma or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.146ng/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 AK3 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to AK3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to AK3. 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 AK3, 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 AK3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	315434220
NCBI GeneID	50808
NCBI Accession #	NP_001186781.1
NCBI GenBank Nucleotide #	NM_001199852.1
UniProt Accession #	Q9UIJ7; Q5VYW6; Q9H576; Q9HC01; Q9NPB4; B4DP58; D3DRI1; E7ET30
Molecular Weight	21,014 Da
NCBI Official Full Name	GTP:AMP phosphotransferase AK3, mitochondrial isoform b
NCBI Official Synonym Full Names	adenylate kinase 3
NCBI Official Symbol	AK3
NCBI Official Synonym Symbols	AK6; FIX; AK3L1; AKL3L; AKL3L1
NCBI Protein Information	GTP:AMP phosphotransferase AK3, mitochondrial
UniProt Protein Name	GTP:AMP phosphotransferase AK3, mitochondrial
UniProt Gene Name	AK3
UniProt Synonym Gene Names	AK 3

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/human-rtu-elisa-kits/adenylate-kinase-3-ak3/68989>