

Mouse Protein Kinase, AMP Activated Alpha 1 (PRKAa1) RTU ELISA Kit | PRKAa1 rtu elisa kit

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CATALOG # AAA219697	REACTIVITY Mouse
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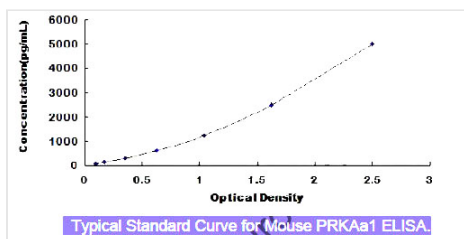
PRODUCT SYNONYMS

Protein Kinase; AMP Activated Alpha 1 (PRKAa1); Mouse Protein Kinase; AMP Activated Alpha 1 (PRKAa1) RTU ELISA Kit; AMPK; AMPKa1; PKA; ACACA kinase; 5'-AMP-Activated Protein Kinase Catalytic Subunit Alpha-1; Acetyl-CoA carboxylase kinase; Hydroxymethylglutaryl-CoA reductase kinase; PRKAa1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of presepsin. No significant cross-reactivity or interference between presepsin and analogues was observed.
Purity/Purification	Affinity Purification
Sequence Length	120
Samples	Human Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	31.2-2000pg/mL
Sensitivity	11.64pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level presepsin were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level presepsin were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRKAa1 rtu elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of presepsin in human serum, plasma, tissue homogenates, cell lysates, 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 presepsin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to presepsin. 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 presepsin, 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 +/- 10nm. The concentration of presepsin 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 #	50950217
NCBI GeneID	403483
NCBI Accession #	NP_001002988.1
NCBI GenBank Nucleotide #	NM_001002988.1
UniProt Accession #	Q9XSW8
Molecular Weight	13,411 Da
NCBI Official Full Name	glycoprotein hormones alpha chain
NCBI Official Synonym Full Names	glycoprotein hormones, alpha polypeptide
NCBI Official Symbol	CGA
NCBI Protein Information	glycoprotein hormones alpha chain
UniProt Protein Name	Glycoprotein hormones alpha chain
UniProt Gene Name	CGA
UniProt Synonym Gene Names	FSH-alpha; LSH-alpha; TSH-alpha

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/mouse-rtu-elisa-kits/protein-kinase-amp-activated-alpha-1-prkaa1/219697>