

Pig 5'-AMP-activated protein kinase catalytic subunit alpha-2 ELISA Kit | PRKAA2 elisa kit

Pig 5'-AMP-activated protein kinase catalytic subunit alpha-2 ELISA Kit

CATALOG #
AAA56313

REACTIVITY
Pig

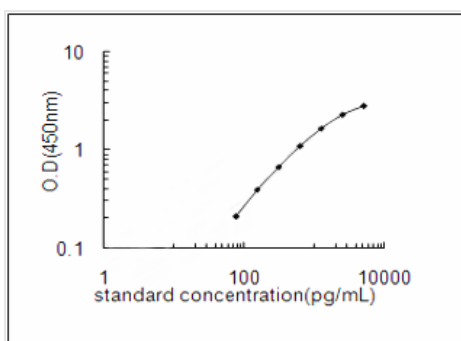
PRODUCT SYNONYMS

5'-AMP-activated protein kinase catalytic subunit alpha-2; Pig 5'-AMP-activated protein kinase catalytic subunit alpha-2 ELISA Kit; PRKAA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay recognizes recombinant and natural pig AMPK subunit alpha-2. No significant cross-reactivity or interference was observed.
Sequence Length	552
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
Detection Range	78.0 pg/ml -5000 pg/ml.
Intended Uses	This immunoassay kit allows for the in vitro quantitative determination of pig AMPK subunit alpha-2 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
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 PRKAA2 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to AMPK subunit alpha-2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for AMPK subunit alpha-2 and 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 AMPK subunit alpha-2, 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 AMPK subunit alpha-2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47523598
NCBI GeneID	397504
NCBI Accession #	NP_999431.1
NCBI GenBank Nucleotide #	NM_214266.1
UniProt Accession #	Q28948; Q7YRX9
Molecular Weight	62,325 Da
NCBI Official Full Name	5'-AMP-activated protein kinase catalytic subunit alpha-2
NCBI Official Symbol	PRKAA2
NCBI Official Synonym Symbols	AMPKA2
NCBI Protein Information	5'-AMP-activated protein kinase catalytic subunit alpha-2
UniProt Protein Name	5'-AMP-activated protein kinase catalytic subunit alpha-2
UniProt Gene Name	PRKAA2
UniProt Synonym Gene Names	AMPK2; AMPK subunit alpha-2; ACACA kinase; HMGCR kinase
UniProt Entry Name	AAPK2_PIG

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/prkaa2-pig-elisa-kits/5-amp-activated-protein-kinase-catalytic-subunit-alpha-2/56313>