

Mouse RAC-alpha serine/threonine-protein kinase ELISA Kit | Akt1 elisa kit

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CATALOG #
AAA56386

REACTIVITY
Mouse

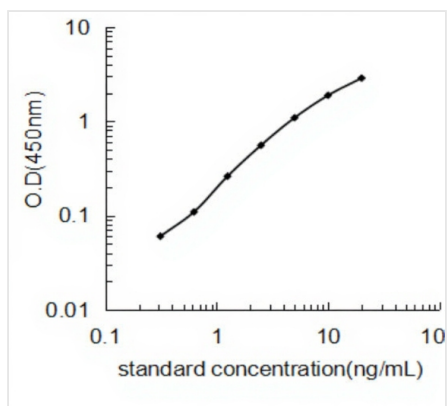
PRODUCT SYNONYMS

RAC-alpha serine/threonine-protein kinase; Mouse RAC-alpha serine/threonine-protein kinase ELISA Kit; Akt1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse RAC-alpha serine/threonine-protein kinase
Sequence Length	480
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.312-20 ng/mL
Sensitivity	< 0.173 ng/mL
Intra-assay Precision	<=6.8%
Inter-assay Precision	<=9.3%
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 Akt1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	260166608
NCBI GeneID	11651
NCBI Accession #	NP_001159366.1
NCBI GenBank Nucleotide #	NM_001165894.1
UniProt Accession #	P31750; Q62274; Q6GSA6
Molecular Weight	55,707 Da
NCBI Official Full Name	RAC-alpha serine/threonine-protein kinase isoform 2
NCBI Official Synonym Full Names	thymoma viral proto-oncogene 1
NCBI Official Symbol	Akt1
NCBI Official Synonym Symbols	Akt; PKB; Rac; PKB/Akt; PKBalpha
NCBI Protein Information	RAC-alpha serine/threonine-protein kinase
UniProt Protein Name	RAC-alpha serine/threonine-protein kinase
UniProt Gene Name	Akt1
UniProt Synonym Gene Names	Akt; Rac; PKB; PKB alpha
UniProt Entry Name	AKT1_MOUSE

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/akt1-mouse-elisa-kits/rac-alpha-serine-threonine-protein-kinase/56386>