

Human Proline-rich AKT1 substrate 1 ELISA Kit | AKT1S1 elisa kit

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CATALOG #
AAA192529

REACTIVITY
Human

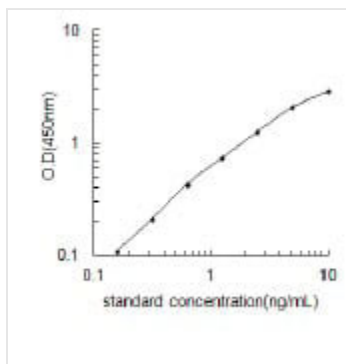
PRODUCT SYNONYMS

Proline-rich AKT1 substrate 1; Human Proline-rich AKT1 substrate 1 ELISA Kit; 40 kDa proline-rich AKT substrate; AKT1S1; PRAS40; AKT1S1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Proline-rich AKT1 substrate 1
Sequence Length	256
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	<0.057 ng/mL
Intra-assay Precision	Intra-Assay CV: <=5.6%
Inter-assay Precision	Inter-Assay CV: <=7.8%
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 AKT1S1 elisa kit	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. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148806906
NCBI GeneID	84335
NCBI Accession #	NP_001092102.1
NCBI GenBank Nucleotide #	NM_001098632.2
UniProt Accession #	Q96B36; Q96BI4; Q96IK7; Q96NG2; Q9BWR5; A8MTQ1; B2RE93; J3KPM3
Molecular Weight	29,262 Da
NCBI Official Full Name	proline-rich AKT1 substrate 1 isoform b
NCBI Official Synonym Full Names	AKT1 substrate 1 (proline rich)
NCBI Official Symbol	AKT1S1
NCBI Official Synonym Symbols	Lobe; PRAS40
NCBI Protein Information	proline-rich AKT1 substrate 1
UniProt Protein Name	Proline-rich AKT1 substrate 1
UniProt Gene Name	AKT1S1
UniProt Entry Name	AKTS1_HUMAN

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/akt1s1-human-elisa-kits/proline-rich-akt1-substrate-1/192529>