

Mouse Proline-rich AKT1 substrate 1 ELISA Kit | Akt1s1 elisa kit

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CATALOG #
AAA190768

REACTIVITY
Mouse

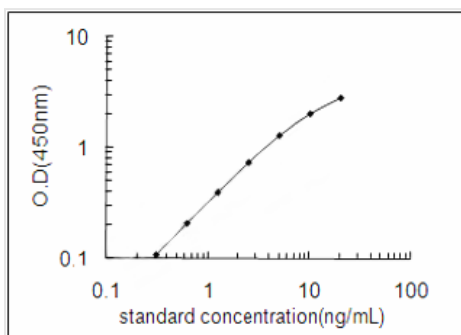
PRODUCT SYNONYMS

Proline-rich AKT1 substrate 1; Mouse Proline-rich AKT1 substrate 1 ELISA Kit; Proline-rich AKT substrate; Akt1s1; Pras; Akt1s1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Proline-rich AKT substrate.. No significant cross-reactivity or interference was observed.
Sequence Length	257
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.31 ng/mL - 20.0 ng/mL
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 mouse Proline-rich AKT substrate concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	359807125
NCBI GeneID	67605
NCBI Accession #	NP_001240849.1
NCBI GenBank Nucleotide #	NM_001253920.1
UniProt Accession #	Q9D1F4; A2RT52
Molecular Weight	27,483 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; Lobel; PRAS40; AI227026; 1110012J22Rik
NCBI Protein Information	proline-rich AKT1 substrate 1
UniProt Protein Name	Proline-rich AKT1 substrate 1
UniProt Gene Name	Akt1s1
UniProt Synonym Gene Names	Proline-rich AKT substrate
UniProt Entry Name	AKTS1_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/akt1s1-mouse-elisa-kits/proline-rich-akt1-substrate-1/190768>