

Mouse Pi4kb/Phosphatidylinositol 4-kinase beta ELISA Kit | Pi4kb elisa kit

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CATALOG #
AAA196963

REACTIVITY
Mouse

PRODUCT SYNONYMS

Pi4kb/Phosphatidylinositol 4-kinase beta; Mouse Pi4kb/Phosphatidylinositol 4-kinase beta ELISA Kit; PI4K-beta; Pik4cb; Phosphatidylinositol 4-kinase beta; Pi4kb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse Phosphatidylinositol 4-kinase beta
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

ADDITIONAL INFORMATION

Related Product Information for Pi4kb 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 $\pm$ 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	256000773
NCBI GeneID	107650
NCBI Accession #	NP_780565.2
NCBI GenBank Nucleotide #	NM_175356.3
UniProt Accession #	Q8BKC8; Q14CH6; Q14DJ4; Q3TA58; Q68FH2; Q8C146
Molecular Weight	91,515 Da
NCBI Official Full Name	phosphatidylinositol 4-kinase beta isoform 2
NCBI Official Synonym Full Names	phosphatidylinositol 4-kinase, catalytic, beta polypeptide
NCBI Official Symbol	Pi4kb
NCBI Official Synonym Symbols	ESTM41; Pik4cb; PI4Kbeta; PI4K-beta
NCBI Protein Information	phosphatidylinositol 4-kinase beta; ptdIns 4-kinase beta

UniProt Protein Name	Phosphatidylinositol 4-kinase beta
UniProt Gene Name	Pi4kb
UniProt Synonym Gene Names	Pik4cb; PI4K-beta; PI4Kbeta; PtdIns 4-kinase beta
UniProt Entry Name	PI4KB_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://www.aaabiotech.com/mouse-elisa-kits/pi4kb-phosphatidylinositol-4-kinase-beta/196963>