

Human Phosphatidylinositol-5-phosphate 4-kinase type-2 gamma ELISA Kit | PIP4K2C elisa kit

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CATALOG # AAA194358	REACTIVITY Human
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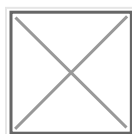
PRODUCT SYNONYMS

Phosphatidylinositol-5-phosphate 4-kinase type-2 gamma; Human Phosphatidylinositol-5-phosphate 4-kinase type-2 gamma ELISA Kit; Phosphatidylinositol-5-phosphate 4-kinase type II gamma; PI(5)P 4-kinase type II gamma; PIP4KII-gamma; PIP4K2C; PIP5K2C; PIP4K2C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Phosphatidylinositol
Sequence Length	421
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	78-5000 pg/mL
Sensitivity	< 39 pg/mL
Intra-assay Precision	<=5.2%
Inter-assay Precision	<=9.2%
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 PIP4K2C 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	226371739
NCBI GeneID	79837
NCBI Accession #	NP_001139730.1
NCBI GenBank Nucleotide #	NM_001146258.1
UniProt Accession #	Q8TBX8; Q9H6N2; B2RDL3; B4DM11; B4DY44
Molecular Weight	45,053 Da
NCBI Official Full Name	phosphatidylinositol 5-phosphate 4-kinase type-2 gamma isoform a
NCBI Official Synonym Full Names	phosphatidylinositol-5-phosphate 4-kinase, type II, gamma
NCBI Official Symbol	PIP4K2C
NCBI Official Synonym Symbols	PIP5K2C
NCBI Protein Information	phosphatidylinositol 5-phosphate 4-kinase type-2 gamma
UniProt Protein Name	Phosphatidylinositol 5-phosphate 4-kinase type-2 gamma
UniProt Gene Name	PIP4K2C
UniProt Synonym Gene Names	PIP5K2C; PI(5)P 4-kinase type II gamma; PIP4KII-gamma
UniProt Entry Name	PI42C_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://stage.aaabiotech.com/pip4k2c-human-elisa-kits/phosphatidylinositol-5-phosphate-4-kinase-type-2-gamma/194358>