

Human phospholipase C, epsilon 1 ELISA Kit | PLCE1 elisa kit

Human 1-phosphatidylinositol-4, 5-bisphosphate phosphodiesterase epsilon-1, PLCE1 ELISA Kit

CATALOG #
AAA180414

REACTIVITY
Human

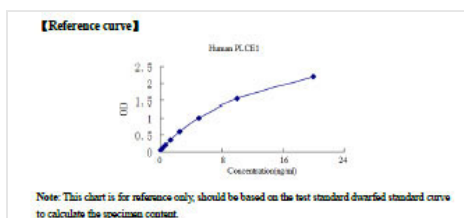
PRODUCT SYNONYMS

phospholipase C; epsilon 1; Human 1-phosphatidylinositol-4, 5-bisphosphate phosphodiesterase epsilon-1; PLCE1 ELISA Kit; PLCE1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Samples	Human serum, plasma or cell culture supernatant and organizations
Assay Type	Quantitative Sandwich
Detection Range	20 ng/ml-0.312 ng/ml
Sensitivity	0.06 ng/ml
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLCE1 elisa kit

Principle of the Assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is human PLCE1 monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	260166694
NCBI GeneID	51196
NCBI Accession #	NP_001159451.1

NCBI GenBank Nucleotide #	NM_001165979.2
UniProt Accession #	Q9P212; Q1X6H8; Q5VWL4; Q5VWL5; Q9H9X8; Q9HBX6; Q9HC53; A6NGW0; A6NLA1; A7MBN7; A8K1D7; B9EIJ6
Molecular Weight	258,715 Da
NCBI Official Full Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase epsilon-1 isoform 2
NCBI Official Synonym Full Names	phospholipase C, epsilon 1
NCBI Official Symbol	PLCE1
NCBI Official Synonym Symbols	PLCE; PPLC; NPHS3
NCBI Protein Information	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase epsilon-1; PLC-epsilon-1; pancreas-enriched phospholipase C; phosphoinositide phospholipase C-epsilon-1; phosphoinositide-specific phospholipase C epsilon-1
UniProt Protein Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase epsilon-1
UniProt Gene Name	PLCE1
UniProt Synonym Gene Names	KIAA1516; PLCE; PPLC; PLC-epsilon-1
UniProt Entry Name	PLCE1_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/human-elisa-kits/phospholipase-c-epsilon-1/180414>