

Human Phospholipase C (PLC) ELISA Kit | PLC elisa kit

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CATALOG #
AAA12921

REACTIVITY
Human

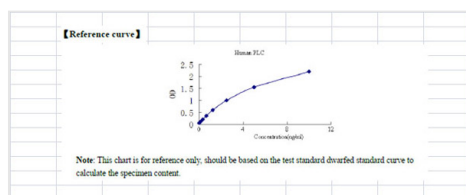
PRODUCT SYNONYMS

Phospholipase C (PLC); Human Phospholipase C (PLC) ELISA Kit; PLC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Sequence Length	1252
Samples	Human serum, plasma or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	10 ng/ml-0.156 ng/ml
Sensitivity	Up to 0.05 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 PLC 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 PLC 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 #	190036
NCBI GeneID	5336

Molecular Weight	147,870 Da
NCBI Official Full Name	phospholipase C
NCBI Official Synonym Full Names	phospholipase C, gamma 2 (phosphatidylinositol-specific)
NCBI Official Symbol	PLCG2
NCBI Official Synonym Symbols	FCAS3; APLAID; PLC-IV; PLC-gamma-2
NCBI Protein Information	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-2; phospholipase C-IV; phosphoinositide phospholipase C-gamma-2
UniProt Protein Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-2
UniProt Gene Name	PLCG2
UniProt Synonym Gene Names	PLC-IV; PLC-gamma-2
UniProt Entry Name	PLCG2_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/human-elisa-kits/phospholipasec-plc/12921>