

Rat Phospholipase A2, Cytosolic (cPLA2) ELISA Kit | cPLA2 elisa kit

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CATALOG #
AAA55012

REACTIVITY
Rat

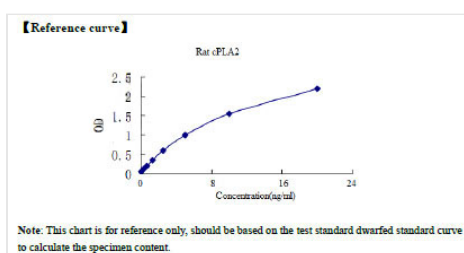
PRODUCT SYNONYMS

Phospholipase A2; Cytosolic (cPLA2); Rat Phospholipase A2; Cytosolic (cPLA2) ELISA Kit; cPLA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No cross-reaction with other factors.
Sequence Length	148
Samples	Rat 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



ADDITIONAL INFORMATION

Related Product Information for cPLA2 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 Rat cPLA2 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 #

190013

NCBI GeneID	5319
Molecular Weight	16,360 Da
NCBI Official Full Name	phospholipase
NCBI Official Synonym Full Names	phospholipase A2, group IB (pancreas)
NCBI Official Symbol	PLA2G1B
NCBI Official Synonym Symbols	PLA2; PLA2A; PPLA2
NCBI Protein Information	phospholipase A2; phosphatidylcholine 2-acylhydrolase 1B
UniProt Protein Name	Phospholipase A2
UniProt Gene Name	PLA2G1B
UniProt Synonym Gene Names	PLA2; PLA2A; PPLA2
UniProt Entry Name	PA21B_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/rat-elisa-kits/phospholipase-a2-cytosolic-cpla2/55012>