

Human Cytosolic Phospholipase A2-alpha (cPLA2a) RTU ELISA Kit | cPLA2a rtu elisa kit

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CATALOG #
AAA69919

REACTIVITY
Human

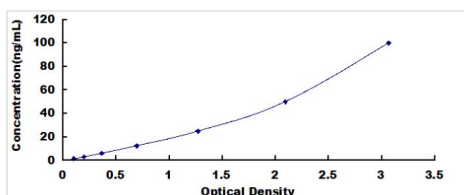
PRODUCT SYNONYMS

Cytosolic Phospholipase A2-alpha (cPLA2a); Human Cytosolic Phospholipase A2-alpha (cPLA2a) ELISA Kit; c-PLA2; PLA2G4; PLA2G4A; Phospholipase A2; Group IV(Cytosolic; Calcium-Dependent); Phosphatidylcholine 2-acylhydrolase; Lysophospholipase; cPLA2a rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	689
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	1.56-100ng/mL
Sensitivity	0.67ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for cPLA2a rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to cPLA2a. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to cPLA2a. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain cPLA2a, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of cPLA2a in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	909618051
NCBI GeneID	5321
NCBI Accession #	NP_001298122.1
NCBI GenBank Nucleotide #	NM_001311193.1
UniProt Accession #	P47712; Q29R80; B1AKG4
Molecular Weight	85,239 Da
NCBI Official Full Name	cytosolic phospholipase A2 isoform 2
NCBI Official Synonym Full Names	phospholipase A2 group IVA
NCBI Official Symbol	PLA2G4A
NCBI Official Synonym Symbols	cPLA2; PLA2G4; cPLA2-alpha
NCBI Protein Information	cytosolic phospholipase A2
UniProt Protein Name	Cytosolic phospholipase A2
UniProt Gene Name	PLA2G4A
UniProt Synonym Gene Names	CPLA2; PLA2G4; cPLA2

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-rtu-elisa-kits/cytosolic-phospholipase-a2-alpha-cpla2a/69919>