Rat Phospholipase A2, Calcium Independent (iPLA2) RTU ELISA Kit | iPLA2 rtu elisa kit

Rat Phospholipase A2, Calcium Independent (iPLA2) ELISA Kit

CATALOG #	REACTIVITY
AAA216524	**Rat**

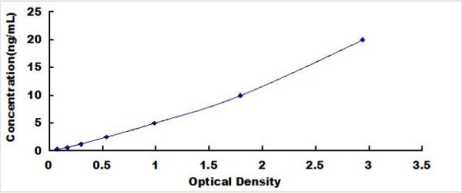
PRODUCT SYNONYMS

Phospholipase A2; Calcium Independent (iPLA2); Rat Phospholipase A2; Calcium Independent (iPLA2) ELISA Kit; PLA2G6; CaI-PLA2; GVI; INAD1; PNPLA9; Ca2+ Independent PLA2; 85 kDa Calcium-Independent Phospholipase A2; group VI(Cytosolic; Calcium-Independent); iPLA2 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	807
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.13ng/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 iPLA2 rtu elisa kit	Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to iPLA2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to iPLA2. 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 iPLA2, 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 ± 10nm. The concentration of iPLA2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	53850648
NCBI GeneID	360426
NCBI Accession #	NP_001005560.1
NCBI GenBank Nucleotide #	NM_001005560.1
UniProt Accession #	P97570; Q66HD1; G3V7M8
Molecular Weight	83,562 Da
NCBI Official Full Name	85/88 kDa calcium-independent phospholipase A2 isoform 1
NCBI Official Synonym Full Names	phospholipase A2 group VI
NCBI Official Symbol	Pla2g6
NCBI Official Synonym Symbols	iPla2; PNPLA9; GVI PLA2; caI-PLA2; iPLA2-beta
NCBI Protein Information	85/88 kDa calcium-independent phospholipase A2
UniProt Protein Name	85/88 kDa calcium-independent phospholipase A2
UniProt Gene Name	**Pla2g6**
UniProt Synonym Gene Names	Pnpla9; CaI-PLA2; GVI PLA2; iPLA2-beta; PNPLA9

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/rat-rtu-elisa-kits/phospholipase-a2-calcium-independent-ipla2/216524