

Human Phospholipase A2, Group IIA (PLA2G2A) RTU ELISA Kit | PLA2G2A rtu elisa kit

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CATALOG #
AAA217855

REACTIVITY
Human

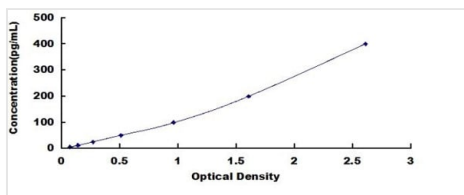
PRODUCT SYNONYMS

Phospholipase A2; Group IIA (PLA2G2A); Human Phospholipase A2; Group IIA (PLA2G2A) ELISA Kit; PLA2; MOM1; PLA2B; PLA2L; PLA2S; PLAS1; sPLA2(platelets; synovial fluid); Non-pancreatic secretory phospholipase A2; Phosphatidylcholine 2-acylhydrolase 2A; PLA2G2A rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	144
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	6.25-400pg/mL
Sensitivity	2.55pg/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 PLA2G2A rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PLA2G2A. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PLA2G2A. 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 PLA2G2A, 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 PLA2G2A in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505849
NCBI GeneID	5320
NCBI Accession #	NP_000291.1
NCBI GenBank Nucleotide #	NM_000300.3
UniProt Accession #	P14555; Q6DN24; Q6IBD9; Q9UCD2; A8K5I7
Molecular Weight	16,083 Da
NCBI Official Full Name	phospholipase A2, membrane associated
NCBI Official Synonym Full Names	phospholipase A2 group IIA
NCBI Official Symbol	PLA2G2A
NCBI Official Synonym Symbols	MOM1; PLA2; PLA2B; PLA2L; PLA2S; PLAS1; sPLA2
NCBI Protein Information	phospholipase A2, membrane associated
UniProt Protein Name	Phospholipase A2, membrane associated
UniProt Gene Name	PLA2G2A
UniProt Synonym Gene Names	PLA2B; PLA2L; RASF-A; NPS-PLA2

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/phospholipase-a2-group-ii-a-pla2g2a/217855>