

Human Phospholipase A2, Group III (PLA2G3) RTU ELISA Kit | PLA2G3 rtu elisa kit

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CATALOG #
AAA219473

REACTIVITY
Human

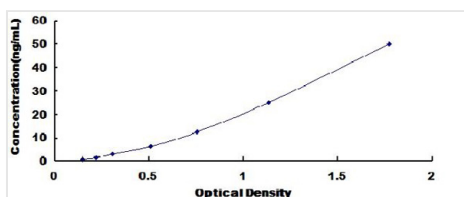
PRODUCT SYNONYMS

Phospholipase A2; Group III (PLA2G3); Human Phospholipase A2; Group III (PLA2G3) ELISA Kit; GIII-SPLA2; sPLA2-III; Group 3 secretory phospholipase A2; Group III secretory phospholipase A2; Phosphatidylcholine 2-acylhydrolase 3; PLA2G3 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	509
Assay Type	Sandwich
Samples	Serum, Plasma or Other Biological Fluids.
Detection Range	0.781-50ng/mL
Sensitivity	0.25ng/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 PLA2G3 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PLA2G3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PLA2G3. 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 PLA2G3, 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 PLA2G3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	142976884
NCBI GeneID	50487
NCBI Accession #	NP_056530.2
NCBI GenBank Nucleotide #	NM_015715.4
UniProt Accession #	Q9NZ20; O95768
Molecular Weight	57,167 Da
NCBI Official Full Name	group 3 secretory phospholipase A2
NCBI Official Synonym Full Names	phospholipase A2 group III
NCBI Official Symbol	PLA2G3
NCBI Official Synonym Symbols	SPLA2III; sPLA2-III; GIII-SPLA2
NCBI Protein Information	group 3 secretory phospholipase A2
UniProt Protein Name	Group 3 secretory phospholipase A2
UniProt Gene Name	PLA2G3
UniProt Synonym Gene Names	GIII sPLA2; sPLA2-III

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-iii-pla2g3/219473>