

Human Phospholipase A2, Group IID (PLA2G2D) RTU ELISA Kit | PLA2G2D rtu elisa kit

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CATALOG #
AAA217858

REACTIVITY
Human

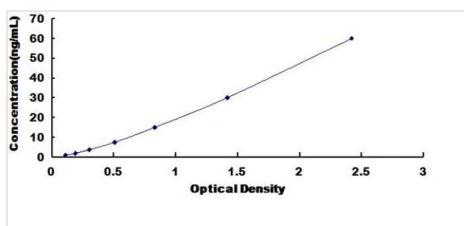
PRODUCT SYNONYMS

Phospholipase A2; Group IID (PLA2G2D); Human Phospholipase A2; Group IID (PLA2G2D) ELISA Kit; PLA2G2D; sPLA2S; s-PLA2; sPLA2; SPLASH; Secreted Phospholipase A2; Phosphatidylcholine 2-acylhydrolase 2D; Secretory-type PLA; stroma-associated homolog; PLA2G2D rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	62
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.937-60ng/mL
Sensitivity	0.32ng/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 PLA2G2D rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PLA2G2D. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PLA2G2D. 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 PLA2G2D, 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 PLA2G2D in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	425854812
NCBI GeneID	26279
NCBI Accession #	NP_001258743.1
NCBI GenBank Nucleotide #	NM_001271814.1
UniProt Accession #	Q9UNK4; Q9UK01; A8K2Z1; B1AEL9
Molecular Weight	16,546 Da
NCBI Official Full Name	group IID secretory phospholipase A2 isoform 2
NCBI Official Synonym Full Names	phospholipase A2 group IID
NCBI Official Symbol	PLA2G2D
NCBI Official Synonym Symbols	SPLASH; sPLA2S; PLA2IID; sPLA2-IID
NCBI Protein Information	group IID secretory phospholipase A2
UniProt Protein Name	Group IID secretory phospholipase A2
UniProt Gene Name	PLA2G2D
UniProt Synonym Gene Names	SPLASH; GIID sPLA2; sPLA2-IID

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-iid-pla2g2d/217858>