

Human Phospholipase A2, Group IVD (PLA2G4D) RTU ELISA Kit | PLA2G4D rtu elisa kit

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CATALOG #
AAA217861

REACTIVITY
Human

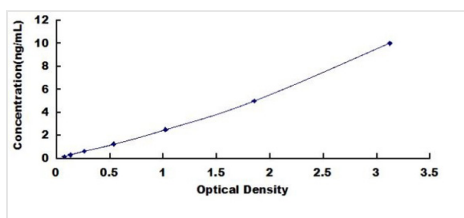
PRODUCT SYNONYMS

Phospholipase A2; Group IVD (PLA2G4D); Human Phospholipase A2; Group IVD (PLA2G4D) ELISA Kit; cPLA2delta; Cytosolic phospholipase A2 delta; PLA2G4D rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	818
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.064ng/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 PLA2G4D rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PLA2G4D. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PLA2G4D. 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 PLA2G4D, 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 PLA2G4D in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	116174754
NCBI GeneID	283748
NCBI Accession #	NP_828848.3
NCBI GenBank Nucleotide #	NM_178034.3
UniProt Accession #	Q86XP0; Q8N176
Molecular Weight	80,930 Da
NCBI Official Full Name	cytosolic phospholipase A2 delta
NCBI Official Synonym Full Names	phospholipase A2 group IVD
NCBI Official Symbol	PLA2G4D
NCBI Official Synonym Symbols	cPLA2delta
NCBI Protein Information	cytosolic phospholipase A2 delta
UniProt Protein Name	Cytosolic phospholipase A2 delta
UniProt Gene Name	PLA2G4D
UniProt Synonym Gene Names	cPLA2-delta

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-ivd-pla2g4d/217861>