

Human PLA2G10 ELISA Kit | PLA2G10 elisa kit

Human PLA2G10 (Phospholipase A2, Group X) ELISA Kit

CATALOG #
AAA21725

REACTIVITY
Human

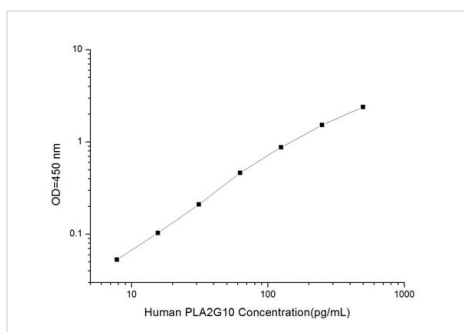
PRODUCT SYNONYMS

PLA2G10; Human PLA2G10 (Phospholipase A2; Group X) ELISA Kit; PLA2G10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human PLA2G10 in samples. No significant cross-reactivity or interference between Human PLA2G10 and analogues was observed.
Sequence Length	165
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	7.81-500pg/mL
Sensitivity	4.69pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human PLA2G10 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human PLA2G10 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLA2G10 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human PLA2G10 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human PLA2G10. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human PLA2G10 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human PLA2G10, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human PLA2G10. You can calculate the concentration of Human PLA2G10 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	48145887
NCBI GeneID	8399
UniProt Accession #	O15496; Q14DU3; Q6NT23
Molecular Weight	18,153 Da
NCBI Official Full Name	PLA2G10
NCBI Official Synonym Full Names	phospholipase A2, group X
NCBI Official Symbol	PLA2G10
NCBI Official Synonym Symbols	SPLA2; GXPLA2; GXSPLA2
NCBI Protein Information	group 10 secretory phospholipase A2; GX sPLA2; group X secretory phospholipase A2; phosphatidylcholine 2-acylhydrolase 10; sPLA2-X
UniProt Protein Name	Group 10 secretory phospholipase A2
UniProt Gene Name	PLA2G10
UniProt Synonym Gene Names	GX sPLA2; sPLA2-X
UniProt Entry Name	PA2GX_HUMAN

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.