

Human phospholipase A2, group X1IA ELISA Kit | PLA2G12A elisa kit

Human Group X1IA secretory phospholipase A2, PLA2G12A ELISA Kit

CATALOG #
AAA112910

REACTIVITY
Human

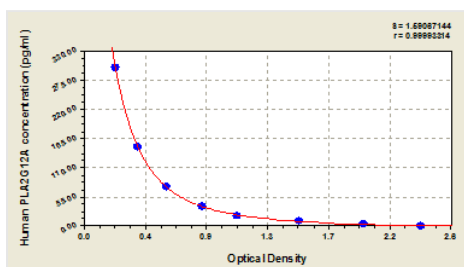
PRODUCT SYNONYMS

phospholipase A2; group X1IA; Human Group X1IA secretory phospholipase A2; PLA2G12A ELISA Kit; Human Group X1IA secretory phospholipase A2 (PLA2G12A) ELISA kit; GX1I; PLA2G12; ROSSY; group X1I secreted phospholipase A2; group X1IA secreted phospholipase A2; PLA2G12A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PLA2G12A. No significant cross-reactivity or interference between human PLA2G12A and analogues was observed.
Sequence Length	189
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Competitive
Detection Range	4.7 pg/ml-300 pg/ml
Sensitivity	< 1.2 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLA2G12A elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with PLA2G12A. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for PLA2G12A. The competitive inhibition reaction is launched between with pre-coated PLA2G12A and PLA2G12A in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of PLA2G12A in the samples. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361944
NCBI GeneID	81579
NCBI Accession #	NP_110448.2
NCBI GenBank Nucleotide #	NM_030821.4
UniProt Accession #	Q9BZM1; Q9BZ89
Molecular Weight	21,067 Da
NCBI Official Full Name	group XIIA secretory phospholipase A2
NCBI Official Synonym Full Names	phospholipase A2, group XIIA
NCBI Official Symbol	PLA2G12A
NCBI Official Synonym Symbols	GXII; ROSSY; PLA2G12
NCBI Protein Information	group XIIA secretory phospholipase A2; sPLA2-XII; GXII sPLA2; phospholipase A2, group XII; group XII secreted phospholipase A2; group XIIA secreted phospholipase A2; phosphatidylcholine 2-acylhydrolase 12A
UniProt Protein Name	Group XIIA secretory phospholipase A2
UniProt Gene Name	PLA2G12A
UniProt Synonym Gene Names	PLA2G12; FKSG38; UNQ2519/PRO6012; GXII sPLA2; sPLA2-XII
UniProt Entry Name	PG12A_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.

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Online datasheet: <https://stage.aaabiotech.com/pla2g12a-human-elisa-kits/phospholipase-a2-group-xiia/112910>