

Mouse phospholipase A2, group XIIA ELISA Kit | PLA2G12A elisa kit

Mouse Group XIIA secretory phospholipase A2, PLA2G12A ELISA Kit

CATALOG #
AAA112865

REACTIVITY
Mouse

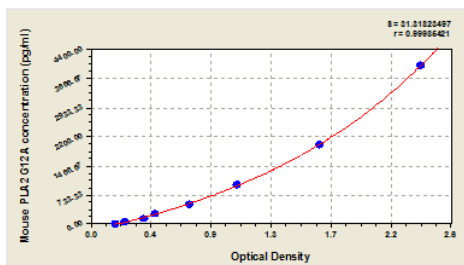
PRODUCT SYNONYMS

phospholipase A2; group XIIA; Mouse Group XIIA secretory phospholipase A2; PLA2G12A ELISA Kit; Mouse Group XIIA secretory phospholipase A2 (PLA2G12A) ELISA kit; GXII; PLA2G12; ROSSY; group XII secreted phospholipase A2; group XIIA secreted phospholipase A2; PLA2G12A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse PLA2G12A. No significant cross-reactivity or interference between mouse PLA2G12A and analogues was observed.
Sequence Length	192
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	< 15.6 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 quantitative sandwich enzyme immunoassay technique. Antibody specific for PLA2G12A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PLA2G12A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PLA2G12A is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PLA2G12A bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	170295846
NCBI GeneID	66350
NCBI Accession #	NP_075685.2
NCBI GenBank Nucleotide #	NM_023196.4
UniProt Accession #	Q9EPR2; Q3TQC4; Q9CQR3; Q9CTL1; Q9D7L3; Q9EPR1
Molecular Weight	21,319 Da
NCBI Official Full Name	group XIIA secretory phospholipase A2 isoform 1
NCBI Official Synonym Full Names	phospholipase A2, group XIIA
NCBI Official Symbol	Pla2g12a
NCBI Official Synonym Symbols	GXII; Rossy; GXII-1; Pla2g12; mGXII-1; GXII-1-PLA2; 2310004B05Rik
NCBI Protein Information	group XIIA secretory phospholipase A2; group XII-1 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; GXII sPLA2; sPLA2-XII
UniProt Entry Name	PG12A_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/pla2g12a-mouse-elisa-kits/phospholipase-a2-group-xiia/112865>