

Mouse Group 2E secretory phospholipase A2, PLA2G2E ELISA Kit | PLA2G2E elisa kit

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CATALOG #
AAA123356

REACTIVITY
Mouse

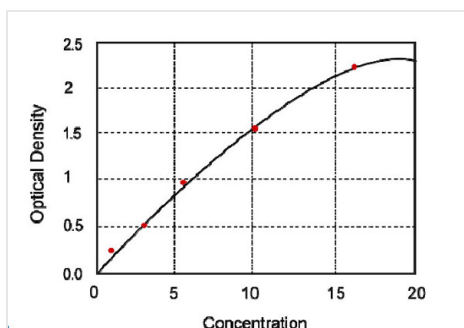
PRODUCT SYNONYMS

Group 2E secretory phospholipase A2; PLA2G2E; Mouse Group 2E secretory phospholipase A2; PLA2G2E ELISA Kit; PLA2G2E elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	142
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	20-6000ng/L
Sensitivity	11.12ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLA2G2E elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Group 2E secretory phospholipase A2 (also known as PLA2G2E) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse PLA2G2E antibody. PLA2G2E present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse PLA2G2E Antibody is added and binds to PLA2G2E in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PLA2G2E antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse PLA2G2E. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7657461
NCBI GeneID	30814
NCBI GenBank Nucleotide #	NP_055404.1
UniProt Accession #	Q9NZK7
NCBI Official Full Name	group IIE secretory phospholipase A2
NCBI Official Synonym Full Names	phospholipase A2 group IIE
NCBI Official Symbol	PLA2G2E
NCBI Official Synonym Symbols	sPLA2-IIE; GIIE sPLA2
NCBI Protein Information	group IIE secretory phospholipase A2
UniProt Protein Name	Group IIE secretory phospholipase A2
UniProt Gene Name	PLA2G2E
UniProt Synonym Gene Names	GIIE sPLA2; sPLA2-IIE
UniProt Entry Name	PA2GE_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/mouse-elisa-kits/group-2e-secretory-phospholipase-a2-pla2g2e/123356>