Mouse Pla2g2a (Phospholipase A2, membrane associated) ELISA Kit | Pla2g2a elisa kit

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CATALOG #	REACTIVITY
AAA250400	**Mouse**

PRODUCT SYNONYMS

Pla2g2a (Phospholipase A2; membrane associated); Mouse Pla2g2a (Phospholipase A2; membrane associated) ELISA Kit; Phospholipase A2; membrane associated; Enhancing factor; EF; GIIC Spla2; Group IIA phospholipase A2; Phosphatidylcholine 2-acylhydrolase 2A; Pla2g2a; Pla2g2a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Pla2g2a. No significant crossreactivity or interference between Pla2g2a and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for Pla2g2a elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	132626633
NCBI GeneID	18780
NCBI Accession #	NP_001076000.1
NCBI GenBank Nucleotide #	NM_001082531.1
UniProt Accession #	P31482; Q60871
Molecular Weight	16,145 Da
NCBI Official Full Name	phospholipase A2, membrane associated

NCBI Official Synonym Full Names	phospholipase A2, group IIA (platelets, synovial fluid)
NCBI Official Symbol	Pla2g2a
NCBI Official Synonym Symbols	EF; Mom1; Pla2; sPLA2; sPla2-IIA
NCBI Protein Information	phospholipase A2, membrane associated
UniProt Protein Name	Phospholipase A2, membrane associated
UniProt Gene Name	**Pla2g2a**
UniProt Synonym Gene Names	EF

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/pla2g2a-phospholipase-a2-membrane-associated/250400