

Rat Phospholipase A2,Group IIA ELISA Kit | PLA2G2A elisa kit

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CATALOG #
AAA99153

REACTIVITY
Rat

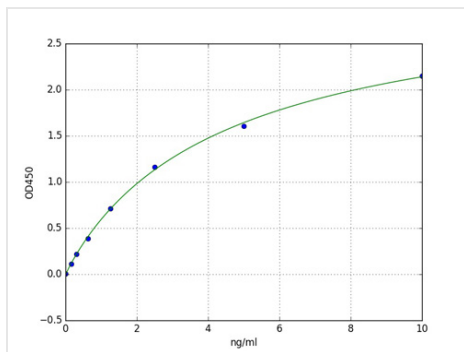
PRODUCT SYNONYMS

Phospholipase A2; Group IIA; Rat Phospholipase A2; Group IIA ELISA Kit; PLA2G2A/Mom1/PLA2B/PLA2L/RASF-A/GIIC sPLA2/Group IIA phospholipase A2/MOM1/Non-pancreatic secretory phospholipase A2/NPS-PLA2/Phosphatidylcholine 2-acylhydrolase 2A/phospholipase A2; group IIA (platelets; synovial fluid)/phospholipase A2; membrane associated/PLA2BPLA2/PLA2LPLA2S/PLAS1/RASF-A/sPLA2; PLA2G2A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
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

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve
Results of a typical standard run of a Rat PLA2G2A ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.004	0.114	0.208	0.358	0.729	1.172	1.529	1.945

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. anti-Rat PLA2G2A antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat PLA2G2A antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Rat PLA2G2A amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat PLA2G2A can be calculated.

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.

