

Mouse Phospholipase A2, Pla2g1b ELISA Kit | Pla2g1b elisa kit

Mouse Phospholipase A2, Pla2g1b Primacu ELISA Kit

CATALOG #
AAA124448

REACTIVITY
Mouse

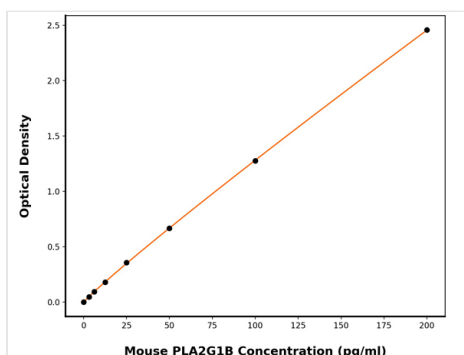
PRODUCT SYNONYMS

Phospholipase A2; Pla2g1b; Mouse Phospholipase A2; Pla2g1b Primacu ELISA Kit; PLA2G1B; Pla2; Pla2g1b elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	3.125-200pg/mL
Sensitivity	0.96pg/mL
Standard Solution	2ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for Pla2g1b elisa kit

phospholipase A2, also known as Phosphatidylcholine 2-acylhydrolase 1B, Group IB phospholipase A2, PLA2 and PLA2G1B, is a secreted protein that belongs to the phospholipase A2 family. Phospholipase A2/PLA2G1B catalyzes the release of fatty acids from glycerol-3-phosphocholines. The best known varieties are the digestive enzymes secreted as zymogens by the pancreas of mammals. Sequences of pancreatic Phospholipase A2/PLA2G1B enzymes from a variety of mammals have been reported. One striking feature of these enzymes is their close homology to venom phospholipases of snakes. Other forms of Phospholipase A2/PLA2G1B have been isolated from brain, liver, lung, spleen, intestine, macrophages, leukocytes, erythrocytes, inflammatory exudates, chondrocytes, and platelets. Mice lacking in Phospholipase A2/PLA2G1B are resistant to obesity and diabetes induced by feeding a diabetogenic high-fat/high-carbohydrate diet. Oral supplementation of a diabetogenic diet with the PLA2G1B inhibitor methyl indoxam effectively suppresses diet-induced obesity and diabetes. PLA2G1B inhibition may be a potentially effective oral therapeutic option for treatment of obesity and diabetes.

Product Categories/Family for Pla2g1b
elisa kit

Primacu ELISA Kit; Signal transduction; Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	6755090
NCBI GeneID	18778
NCBI Accession #	NP_035237.1
NCBI GenBank Nucleotide #	NM_011107.1
UniProt Accession #	Q9Z0Y2; Q9D7E2; Q9D884; A6H6K5
Molecular Weight	16,290 Da
NCBI Official Full Name	phospholipase A2
NCBI Official Synonym Full Names	phospholipase A2, group IB, pancreas
NCBI Official Symbol	Pla2g1b
NCBI Official Synonym Symbols	Pla2a; sPLA2IB
NCBI Protein Information	phospholipase A2
UniProt Protein Name	Phospholipase A2
UniProt Gene Name	Pla2g1b
UniProt Synonym Gene Names	Pla2
UniProt Entry Name	PA21B_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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/phospholipase-a2-pla2g1b/124448>