

Human Platelet Activating Factor Acetylhydrolase 2 (PAFAH2) ELISA Kit | PAFAH2 elisa kit

Human Platelet Activating Factor Acetylhydrolase 2 (PAFAH2) ELISA Kit

CATALOG #
AAA136778

REACTIVITY
Human

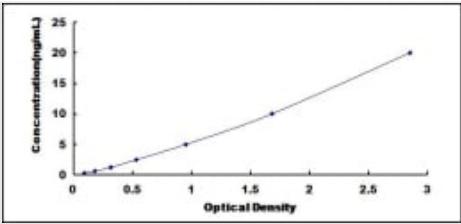
PRODUCT SYNONYMS

Platelet Activating Factor Acetylhydrolase 2 (PAFAH2); Human Platelet Activating Factor Acetylhydrolase 2 (PAFAH2) ELISA Kit; SD-PLA2; Serine-dependent phospholipase A2; Platelet-activating factor acetylhydrolase 2; cytoplasmic; PAFAH2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Platelet Activating Factor Acetylhydrolase 2 (PAFAH2). No significant cross-reactivity or interference between Platelet Activating Factor Acetylhydrolase 2 (PAFAH2) and analogues was observed.
Sequence Length	392
Assay Type	Double-antibody Sandwich
Samples	Plasma
Detection Range	0.312-20ng/mL
Sensitivity	0.105ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Platelet Activating Factor Acetylhydrolase 2 (PAFAH2) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Platelet Activating Factor Acetylhydrolase 2 (PAFAH2) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PAFAH2 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Platelet Activating Factor Acetylhydrolase 2 (PAFAH2). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Platelet Activating Factor Acetylhydrolase 2 (PAFAH2). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Platelet Activating Factor Acetylhydrolase 2 (PAFAH2), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Platelet Activating Factor Acetylhydrolase 2 (PAFAH2) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for PAFAH2 elisa kit	Enzyme & Kinase; Metabolic pathway; Hematology

NCBI AND UNIPROT INFORMATION

NCBI GI #	1765864
NCBI GeneID	5051
UniProt Accession #	Q99487; O15458; Q5SY02; D3DPK1
Molecular Weight	44,036 Da
NCBI Official Full Name	platelet-activating factor acetylhydrolase 2
NCBI Official Synonym Full Names	platelet-activating factor acetylhydrolase 2, 40kDa
NCBI Official Symbol	PAFAH2
NCBI Official Synonym Symbols	HSD-PLA2
NCBI Protein Information	platelet-activating factor acetylhydrolase 2, cytoplasmic
UniProt Protein Name	Platelet-activating factor acetylhydrolase 2, cytoplasmic
UniProt Gene Name	PAFAH2
UniProt Synonym Gene Names	SD-PLA2; hSD-PLA2
UniProt Entry Name	PAFA2_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.