

Rat Platelet Activating Factor Acetylhydrolase ELISA Kit | PAF-AH elisa kit

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CATALOG #
AAA16443

REACTIVITY
Rat

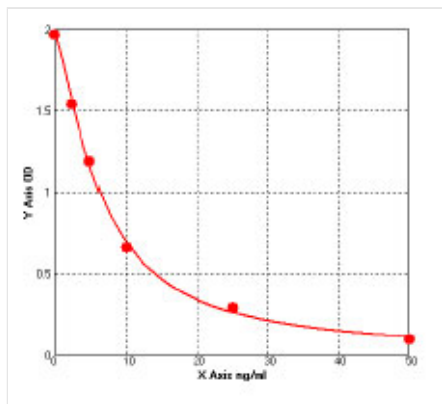
PRODUCT SYNONYMS

Platelet Activating Factor Acetylhydrolase; Rat Platelet Activating Factor Acetylhydrolase ELISA Kit; PAF-AH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of PAFA. No significant cross-reactivity or interference between PAFA and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PAFA and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PAF-AH elisa kit	Principle of the Assay: PAFA ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-PAFA antibody and an PAFA-HRP conjugate. The assay sample and buffer are incubated together with PAFA-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PAFA concentration since PAFA from samples and PAFA-HRP conjugate compete for the anti-PAFA antibody binding site. Since the number of sites is limited, as more sites are occupied by PAFA from the sample, fewer sites are left to bind PAFA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PAFA concentration in each sample is interpolated from this standard curve. Intended Uses: This PAFA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat PAFA. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for PAF-AH elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	163915175
NCBI GeneID	396593
NCBI Accession #	NP_001106484.1
NCBI GenBank Nucleotide #	NM_001113013.1
NCBI Official Full Name	platelet-activating factor acetylhydrolase
NCBI Official Symbol	PLA2G7
NCBI Official Synonym Symbols	PAF-AH; Lp-PLA2
NCBI Protein Information	platelet-activating factor acetylhydrolase; group VII phospholipase A2; lipoprotein-associated phospholipase A2

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/paf-ah-rat-elisa-kits/platelet-activating-factor-acetylhydrolase/16443>