

Human Platelet Activating Factor Acetylhydrolase ELISA Kit | PAF AH elisa kit

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CATALOG #
AAA16081

REACTIVITY
Human

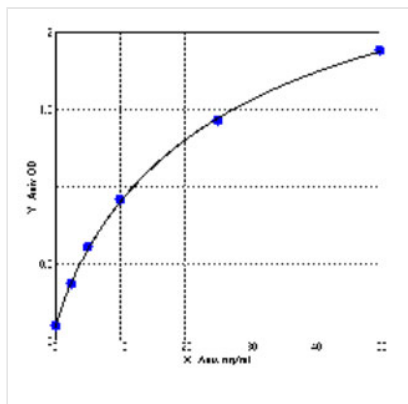
PRODUCT SYNONYMS

Platelet Activating Factor Acetylhydrolase; Human Platelet Activating Factor Acetylhydrolase ELISA Kit; PAF AH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
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 or Sandwich
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 quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for PAFA. Standards or samples are then added to the microtiter plate wells and PAFA if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of PAFA present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for PAFA are added to each well to "sandwich" the PAFA immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain PAFA and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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 Human 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.