

General Platelet Activating Factor (PAF) ELISA Kit | PAF elisa kit

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CATALOG # AAA67970	REACTIVITY General
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PRODUCT SYNONYMS

Platelet Activating Factor (PAF); General Platelet Activating Factor (PAF) ELISA Kit; PAF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This assay has high sensitivity and excellent specificity for detection of PAF. No significant cross-reactivity or interference between PAF and analogues was observed.
Sequence Length	231
Assay Type	Quantitative Competitive
Samples	General serum, plasma or other biological fluids
Detection Range	0.468-30ng/mL
Sensitivity	< 0.224ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PAF were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PAF were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

ADDITIONAL INFORMATION

Related Product Information for PAF elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to PAF has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled PAF and unlabeled PAF (Standards or samples) with the pre-coated antibody specific to PAF. After incubation the unbound conjugate is washed off. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of PAF in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of PAF in the sample. Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of PAF in general serum, plasma or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1122219
NCBI GeneID	5050
UniProt Accession #	Q15102; Q53X88
Molecular Weight	25,734 Da
NCBI Official Full Name	platelet activating factor acetylhydrolase IB gamma-subunit
NCBI Official Synonym Full Names	platelet-activating factor acetylhydrolase 1b, catalytic subunit 3 (29kDa)

NCBI Official Symbol	PAFAH1B3
NCBI Official Synonym Symbols	PAFAHG
NCBI Protein Information	platelet-activating factor acetylhydrolase IB subunit gamma; PAFAH subunit gamma; PAF-AH subunit gamma; PAF-AH 29 kDa subunit; PAF-AH1b alpha 1 subunit; PAF acetylhydrolase 29 kDa subunit; platelet-activating factor acetylhydrolase, isoform Ib, subunit 3 (29kDa)
UniProt Protein Name	Platelet-activating factor acetylhydrolase IB subunit gamma
UniProt Gene Name	PAFAH1B3
UniProt Synonym Gene Names	PAFAHG; PAF-AH 29 kDa subunit
UniProt Entry Name	PA1B3_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.

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Online datasheet: <https://www.aaabiotech.com/general-elisa-kits/platelet-activating-factor-paf/67970>