

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

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CATALOG #
AAA135737

REACTIVITY
Mouse

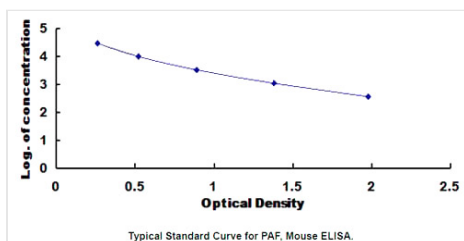
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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	204
Samples	Mouse plasma
Assay Type	Competitive
Detection Range	370.4-30,000pg/mL
Sensitivity	The minimum detectable dose of PAF is typically less than 145.5pg/mL. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined by subtracting two standard deviations to the mean optical density value of twenty zero standard replicates and calculating the corresponding concentration.
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%
Intended Uses	The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of PAF in mouse plasma.
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 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	22537262
NCBI GeneID	1013908
NCBI Accession #	NP_688113.1
NCBI GenBank Nucleotide #	NC_004116.1
NCBI Official Full Name	platelet activating factor
NCBI Official Symbol	SAG1104
NCBI Protein Information	platelet activating factor

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/platelet-activating-factor-paf/135737>