

Rat Platelet activating factor, PAF ELISA Kit | PAF elisa kit

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CATALOG #
AAA82843

REACTIVITY
Rat

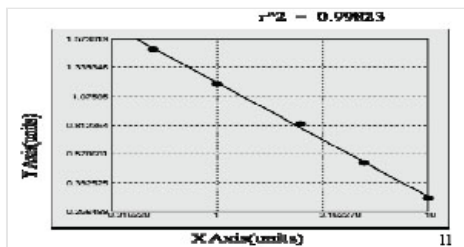
PRODUCT SYNONYMS

Platelet activating factor; PAF; Rat Platelet activating factor; PAF ELISA Kit; PAF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/ml
Intended Uses	This PAF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat PAF. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PAF elisa kit

Principle of the assay: PAF ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PAF antibody and an PAF-HRP conjugate. The assay sample and buffer are incubated together with PAF-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 PAF concentration since PAF from samples and PAF-HRP conjugate compete for the anti-PAF antibody binding site. Since the number of sites is limited, as more sites are occupied by PAF from the sample, fewer sites are left to bind PAF-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PAF concentration in each sample is interpolated from this standard curve.

Product Categories/Family for PAF elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	15901300
NCBI GeneID	931386
NCBI Accession #	NP_345904.1
NCBI GenBank Nucleotide #	NC_003028.3
NCBI Official Full Name	platelet activating factor
NCBI Official Symbol	SP_1450
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/rat-elisa-kits/platelet-activating-factor-paf/82843>