

General Platelet-activating factor ELISA Kit | PAFA elisa kit

Platelet-activating factor ELISA Kit

CATALOG #
AAA56198

REACTIVITY
General

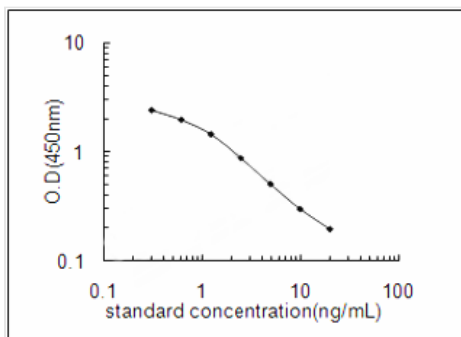
PRODUCT SYNONYMS

Platelet-activating factor; Platelet-activating factor ELISA Kit; PAFA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This assay recognizes recombinant and natural General Platelet-activating factor. No significant cross-reactivity or interference was observed.
Sequence Length	254
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
Assay Type	Competitive
Detection Range	0.31-20.0 ng/mL.
Intended Uses	This immunoassay kit allows for the in vitro quantitative determination of general Platelet-activating factor concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PAFA elisa kit

Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Platelet-activating factor. During the reaction, Platelet-activating factor in the sample or standard competes with a fixed amount of biotin-labeled Platelet-activating factor for sites on a pre-coated Monoclonal antibody specific to Platelet-activating factor. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of Platelet-activating factor in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	228663235
Molecular Weight	28,460 Da
NCBI Official Full Name	Platelet activating factor
UniProt Protein Name	Platelet activating factor
UniProt Gene Name	bcere0016_5100
UniProt Entry Name	C2TBJ6_BACCE

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/pafa-general-elisa-kits/platelet-activating-factor/56198>