

Human Platelet activating factor receptor ELISA Kit | PAFR elisa kit

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CATALOG #
AAA83742

REACTIVITY
Human

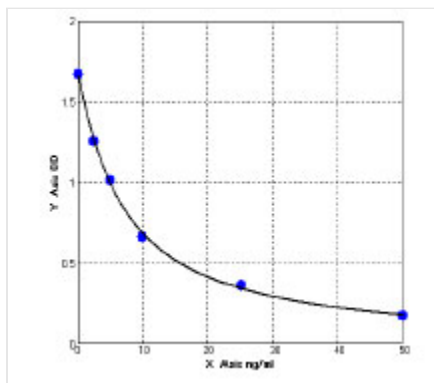
PRODUCT SYNONYMS

Platelet activating factor receptor; Human Platelet activating factor receptor ELISA Kit; PAFR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This PAFR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PAFR. 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 PAFR elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	257900493
NCBI GeneID	5724
NCBI Accession #	NP_001158195.1
NCBI GenBank Nucleotide #	NM_001164723.2
Molecular Weight	39,203 Da
NCBI Official Full Name	platelet-activating factor receptor
NCBI Official Synonym Full Names	platelet-activating factor receptor
NCBI Official Symbol	PTAFR
NCBI Official Synonym Symbols	PAFR
NCBI Protein Information	platelet-activating factor receptor; PAF-R
UniProt Protein Name	Platelet-activating factor receptor
UniProt Gene Name	PTAFR
UniProt Synonym Gene Names	PAFR; PAF-R; PAFr
UniProt Entry Name	PTAFR_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/pafr-human-elisa-kits/platelet-activating-factor-receptor/83742>