

Human Platelet-Activating Factor Receptor (PTAFR) ELISA Kit | PTAFR elisa kit

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CATALOG #
AAA331258

REACTIVITY
Human

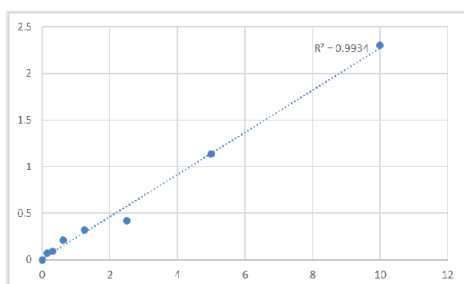
PRODUCT SYNONYMS

Platelet-Activating Factor Receptor (PTAFR); Human Platelet-Activating Factor Receptor (PTAFR) ELISA Kit; PTAFR; PAFR; OTTHUMP00000004041; PTAFR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Platelet-activating factor receptor (PTAFR) ELISA Kit has high sensitivity and excellent specificity for detection of Human PTAFR. No significant cross-reactivity or interference between Human PTAFR and analogues was observed.
Sequence Length	342
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Platelet-activating factor receptor (PTAFR) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PTAFR elisa kit	Description: This Human Platelet-activating factor receptor (PTAFR) ELISA Kit employs a two-site sandwich ELISA to quantitate PTAFR in samples. An antibody specific for PTAFR has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PTAFR present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PTAFR is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PTAFR bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The platelet-activating factor receptor is a G-protein coupled receptor which binds platelet-activating factor. The PAF receptor shows structural characteristics of the rhodopsin gene family and binds platelet-activating factor (PAF). PAF is a phospholipid (1-0-alkyl-2-acetyl-sn-glycero-3-phosphorylcholine) that has been implicated as a mediator in diverse pathologic processes, such as allergy, asthma, septic shock, arterial thrombosis, and inflammatory processes. PTAFR has 2 N-glycosylation sites, but unlike other rhodopsin family members, there is no N-glycosylation site in the N-terminal segment. Transfection of PTAFR into COS-7 cells resulted in expression of the receptor with an extracellular N terminus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506241
NCBI GeneID	5724
NCBI Accession #	NP_000943.1
NCBI GenBank Nucleotide #	NP_000943.1
UniProt Accession #	P25105
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
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/human-elisa-kits/platelet-activating-factor-receptor-ptaf/331258>