

Sheep Platelet-activating factor receptor ELISA Kit | PAFR elisa kit

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CATALOG #
AAA89563

REACTIVITY
Sheep

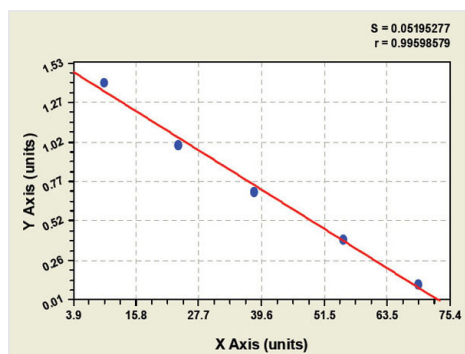
PRODUCT SYNONYMS

Platelet-activating factor receptor; Sheep Platelet-activating factor receptor ELISA Kit; PAFR elisa kit

PRODUCT SPECIFICATIONS

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

Product Categories/Family for PAFR elisa kit

Cardiovascular

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://stage.aaabiotech.com/pafr-sheep-elisa-kits/platelet-activating-factor-receptor/89563>