

Human Proteinase-activated receptor 1 ELISA Kit | F2R elisa kit

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CATALOG #
AAA310029

REACTIVITY
Human

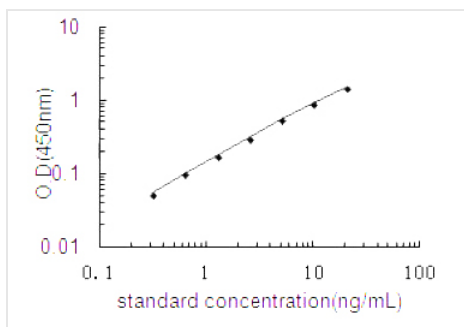
PRODUCT SYNONYMS

Proteinase-activated receptor 1; Human Proteinase-activated receptor 1 ELISA Kit; PAR-1; Coagulation factor II receptor; Thrombin receptor; F2R; CF2R; PAR1; TR; F2R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human PAR-1. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates and cell culture supernates and other biological fluids
Detection Range	0.31 ng/mL -20.0 ng/mL
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F2R elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human proteinase-activated receptor 1, PAR-1 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PAR-1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for PAR-1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain PAR-1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 +/- 2 nm. The concentration of PAR-1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	913402869
NCBI GeneID	2149
NCBI Accession #	NP_001298242.1
NCBI GenBank Nucleotide #	NM_001311313.1
UniProt Accession #	P25116; Q53XV0; Q96RF7; Q9BUN4
Molecular Weight	47,441 Da
NCBI Official Full Name	proteinase-activated receptor 1 isoform 2
NCBI Official Synonym Full Names	coagulation factor II thrombin receptor
NCBI Official Symbol	F2R
NCBI Official Synonym Symbols	TR; HTR; CF2R; PAR1; PAR-1
NCBI Protein Information	proteinase-activated receptor 1
UniProt Protein Name	Proteinase-activated receptor 1
UniProt Gene Name	F2R
UniProt Synonym Gene Names	CF2R; PAR1; TR; PAR-1

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/f2r-human-elisa-kits/proteinase-activated-receptor-1/310029>