

Human PAR1 ELISA Kit | PAR1 elisa kit

Human PAR1 (Protease Activated Receptor 1) ELISA Kit

CATALOG #
AAA164766

REACTIVITY
Human

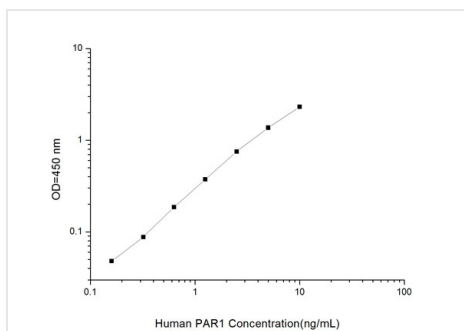
PRODUCT SYNONYMS

PAR1; Human PAR1 (Protease Activated Receptor 1) ELISA Kit; PAR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PAR1. No significant cross-reactivity or interference between Human PAR1 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human PAR1 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	425
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PAR1 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PAR1 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human PAR1. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human PAR1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human PAR1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human PAR1. You can calculate the concentration of Human PAR1 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	166362740
NCBI GeneID	2149
NCBI Accession #	NP_001983.2
NCBI GenBank Nucleotide #	NM_001992.3
UniProt Accession #	P25116; Q53XV0; Q96RF7; Q9BUN4
Molecular Weight	47,441 Da
NCBI Official Full Name	proteinase-activated receptor 1
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; protease-activated receptor 1
UniProt Protein Name	Proteinase-activated receptor 1
UniProt Gene Name	F2R
UniProt Synonym Gene Names	CF2R; PAR1; TR; PAR-1
UniProt Entry Name	PAR1_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/human-elisa-kits/par1/164766>