

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

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CATALOG #
AAA100739

REACTIVITY
Human

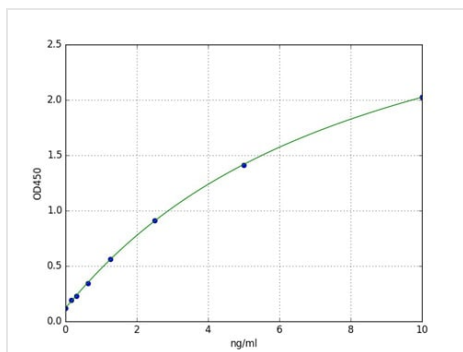
PRODUCT SYNONYMS

Proteinase-activated receptor 1; Human Proteinase-activated receptor 1 ELISA Kit; PAR1 (Protease Activated Receptor 1)/PAR-1/F2R/CF2R/TR/Proteinase-activated receptor 1/Coagulation factor II receptor/Thrombin receptor; F2R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	425
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Results of a typical standard run of a human PAR1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.044	0.115	0.250	0.367	0.758	1.213	1.910	2.377

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F2R elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-human PAR1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-human PAR1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the human PAR1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of human PAR1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	166362740
NCBI GeneID	2149
NCBI Accession #	NP_001983.2
NCBI GenBank Nucleotide #	NM_001992.4
Molecular Weight	47,441 Da
NCBI Official Full Name	proteinase-activated receptor 1 isoform 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
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/f2r-human-elisa-kits/proteinase-activated-receptor-1/100739>