

Human Protease Activated Receptor 2 (PAR2) CLIA Kit | PAR2 clia kit

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CATALOG #
AAA129776

REACTIVITY
Human

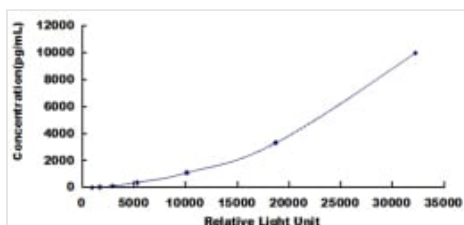
PRODUCT SYNONYMS

Protease Activated Receptor 2 (PAR2); Human Protease Activated Receptor 2 (PAR2) CLIA Kit; F2RL1; F2-RL1; GPR11; PAR2; Coagulation Factor II(thrombin)receptor-Like 1; G-protein coupled receptor 11; Thrombin receptor-like 1; PAR2 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Protease Activated Receptor 2 (PAR2). No significant cross-reactivity or interference between Protease Activated Receptor 2 (PAR2) and analogues was observed.
Sequence Length	397
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	13.7-10,000pg/mL
Sensitivity	5.1pg/mL
Application	Chemiluminescent immunoassay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Protease Activated Receptor 2 (PAR2) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Protease Activated Receptor 2 (PAR2) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PAR2 clia kit	The microplate provided in this kit has been pre-coated with an antibody specific to Protease Activated Receptor 2 (PAR2). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Protease Activated Receptor 2 (PAR2). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Protease Activated Receptor 2 (PAR2) level in the sample or standard.;
Product Categories/Family for PAR2 clia kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	34577052
NCBI GeneID	2150
NCBI Accession #	NP_005233.3
NCBI GenBank Nucleotide #	NM_005242.4
UniProt Accession #	P55085 ; Q13317 ; Q13346 ; Q53XJ8
Molecular Weight	44,126 Da
NCBI Official Full Name	proteinase-activated receptor 2
NCBI Official Synonym Full Names	coagulation factor II (thrombin) receptor-like 1
NCBI Official Symbol	F2RL1
NCBI Official Synonym Symbols	PAR2; GPR11
NCBI Protein Information	proteinase-activated receptor 2
UniProt Protein Name	Proteinase-activated receptor 2
UniProt Gene Name	F2RL1
UniProt Synonym Gene Names	GPR11; PAR2; PAR-2
UniProt Entry Name	PAR2_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-clia-kits/protease-activated-receptor-2-par2/129776>