

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

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CATALOG # AAA188991	REACTIVITY Human	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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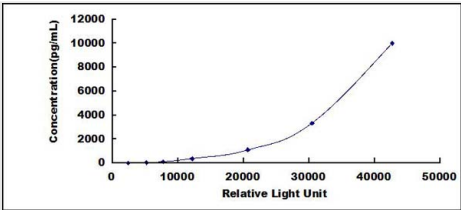
PRODUCT SYNONYMS

Protease Activated Receptor 2 (PAR2); Human Protease Activated Receptor 2 (PAR2) CLIA Kit; Protease Activated Receptor 2; 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	The minimum detectable dose of this kit is typically less than 5.1pg/mL
Applicable Applications for PAR2 clia kit	CLIA (Chemiluminescence Immunoassay)
Precision	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%
Test Principle	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.
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	34577052
NCBI GeneID	2150
NCBI Accession #	NP_005233.3
NCBI GenBank Nucleotide #	NP_005233.3
UniProt Accession #	P55085
NCBI Official Full Name	proteinase-activated receptor 2 preproprotein
NCBI Official Synonym Full Names	F2R like trypsin receptor 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-par2/188991>