

Rat Protease Activated Receptor 2 (PAR2) ELISA Kit | PAR2 elisa kit

Rat Protease Activated Receptor 2 (PAR2) ELISA Kit

CATALOG #
AAA66308

REACTIVITY
Rat

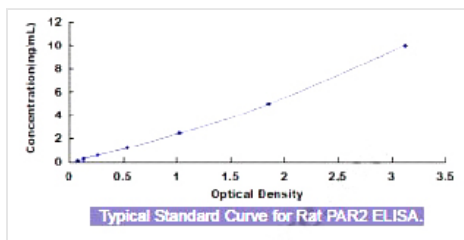
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of PAR2. No significant cross-reactivity or interference between PAR2 and analogues was observed.
Sequence Length	397
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.053ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PAR2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PAR2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PAR2 elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PAR2 in rat tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PAR2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PAR2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PAR2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of PAR2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	16758770
NCBI GeneID	116677
NCBI Accession #	NP_446349.1
NCBI GenBank Nucleotide #	NM_053897.2
UniProt Accession #	Q63645; Q499T9
Molecular Weight	44,441 Da
NCBI Official Full Name	proteinase-activated receptor 2
NCBI Official Synonym Full Names	F2R like trypsin receptor 1
NCBI Official Symbol	F2rl1
NCBI Official Synonym Symbols	Par2; Par-2
NCBI Protein Information	proteinase-activated receptor 2
UniProt Protein Name	Proteinase-activated receptor 2
UniProt Gene Name	F2rl1
UniProt Synonym Gene Names	Par2; PAR-2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/protease-activated-receptor-2-par2/66308>