

Rat Proteinase-activated receptor 4 ELISA Kit | F2rl3 elisa kit

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CATALOG #
AAA56432

REACTIVITY
Rat

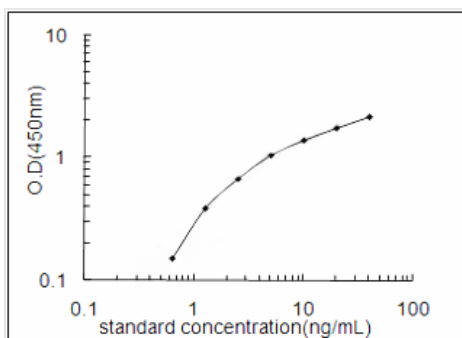
PRODUCT SYNONYMS

Proteinase-activated receptor 4; Rat Proteinase-activated receptor 4 ELISA Kit; F2rl3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat PAR-4. No significant cross-reactivity or interference was observed.
Sequence Length	385
Assay Type	Sandwich
Detection Range	0.625-40 ng/mL
Sensitivity	0.34 ng/mL
Intra-Assay CV	<=4.9%
Inter-Assay CV	<=8.5%
Recovery	111%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F2rl3 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PAR-4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for PAR-4 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain PAR-4, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of PAR-4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17105330
NCBI GeneID	116498
NCBI Accession #	NP_446260.1
NCBI GenBank Nucleotide #	NM_053808.1
UniProt Accession #	Q920E0
Molecular Weight	42,943 Da
NCBI Official Full Name	proteinase-activated receptor 4
NCBI Official Synonym Full Names	F2R like thrombin/trypsin receptor 3
NCBI Official Symbol	F2rl3
NCBI Official Synonym Symbols	PAR4
NCBI Protein Information	proteinase-activated receptor 4
UniProt Protein Name	Proteinase-activated receptor 4
UniProt Gene Name	F2rl3
UniProt Synonym Gene Names	Par4; PAR-4
UniProt Entry Name	PAR4_RAT

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/f2rl3-rat-elisa-kits/proteinase-activated-receptor-4/56432>