

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

Rat Proteinase-activated receptor 4 ELISA Kit

CATALOG #
AAA99739

REACTIVITY
Rat

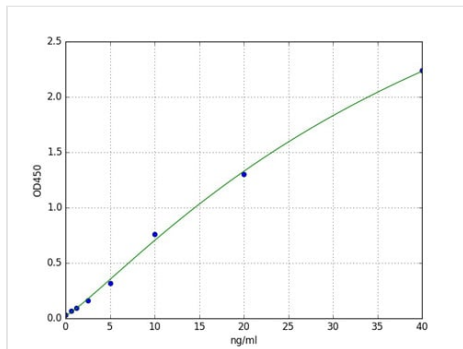
PRODUCT SYNONYMS

Proteinase-activated receptor 4; Rat Proteinase-activated receptor 4 ELISA Kit; F2rl3/Coagulation factor II receptor-like 3/Thrombin receptor-like 3; F2rl3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	385
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.625-40ng/ml
Sensitivity	0.375ng/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)

Typical Data & Standard Curve

Results of a typical standard run of a Rat F2rl3 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	0.625	1.25	2.5	5	10	20	40
Y	OD450	0.025	0.061	0.083	0.184	0.297	0.890	1.280	2.291

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F2rl3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat F2rl3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat F2rl3 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 Rat F2rl3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat F2rl3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

89353783

NCBI GeneID	9002
NCBI Accession #	NP_003941.2
NCBI GenBank Nucleotide #	NM_003950.2
Molecular Weight	41,133 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_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/f2rl3-rat-elisa-kits/proteinase-activated-receptor-4/99739>