

Chicken Protease Activated Receptor 1 ELISA Kit | PAR1 elisa kit

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CATALOG #
AAA97339

REACTIVITY
Chicken

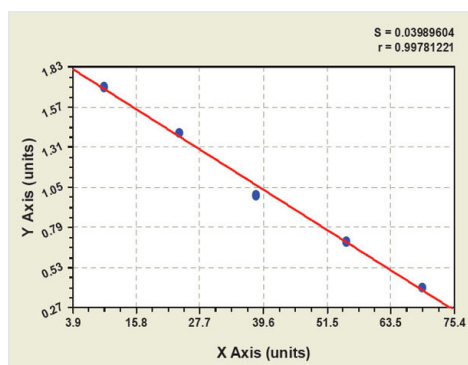
PRODUCT SYNONYMS

Protease Activated Receptor 1; Chicken Protease Activated Receptor 1 ELISA Kit; PAR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PAR1 elisa kit

Principle of the assay: PAR1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PAR1 antibody and an PAR1-HRP conjugate. The assay sample and buffer are incubated together with PAR1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PAR1 concentration since PAR1 from samples and PAR1-HRP conjugate compete for the anti-PAR1 antibody binding site. Since the number of sites is limited, as more sites are occupied by PAR1 from the sample, fewer sites are left to bind PAR1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PAR1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for PAR1 elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	166362740
NCBI GeneID	2149
NCBI Accession #	NP_001983.2
NCBI GenBank Nucleotide #	NM_001992.3
Molecular Weight	47,441 Da
NCBI Official Full Name	proteinase-activated receptor 1
NCBI Official Synonym Full Names	coagulation factor II (thrombin) receptor
NCBI Official Symbol	F2R
NCBI Official Synonym Symbols	TR; HTR; CF2R; PAR1; PAR-1
NCBI Protein Information	proteinase-activated receptor 1; protease-activated receptor 1
UniProt Protein Name	Proteinase-activated receptor 1
UniProt Gene Name	F2R
UniProt Synonym Gene Names	CF2R; PAR1; TR; PAR-1
UniProt Entry Name	PAR1_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/par1-chicken-elisa-kits/protease-activated-receptor-1/97339>