

Rat P2Y purinoceptor 12 ELISA Kit | P2ry12 elisa kit

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CATALOG #
AAA56361

REACTIVITY
Rat

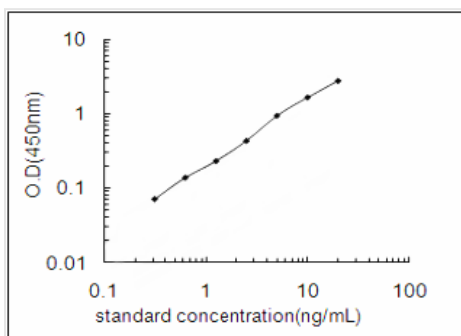
PRODUCT SYNONYMS

P2Y purinoceptor 12; Rat P2Y purinoceptor 12 ELISA Kit; P2ry12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat P2Y12. No significant cross-reactivity or interference was observed.
Sequence Length	342
Assay Type	Sandwich
Detection Range	0.312-20 ng/ml
Sensitivity	0.156 ng/mL
Intra-Assay CV	<=4.8%
Inter-Assay CV	<=8.4%
Recovery	104%
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 P2ry12 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to P2Y12. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for P2Y12 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 P2Y12, 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 P2Y12 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	12248187
NCBI GeneID	64803
NCBI Accession #	NP_073637.1
NCBI GenBank Nucleotide #	NM_022800.1
UniProt Accession #	Q9EPX4
Molecular Weight	39,047 Da
NCBI Official Full Name	P2Y purinoceptor 12
NCBI Official Synonym Full Names	purinergic receptor P2Y12
NCBI Official Symbol	P2ry12
NCBI Official Synonym Symbols	P2y12
NCBI Protein Information	P2Y purinoceptor 12
UniProt Protein Name	P2Y purinoceptor 12
UniProt Gene Name	P2ry12
UniProt Synonym Gene Names	P2y12; P2Y12
UniProt Entry Name	P2Y12_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/p2ry12-rat-elisa-kits/p2y-purinoceptor-12/56361>