

Human P2Y purinoceptor 12 ELISA Kit | P2RY12 elisa kit

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CATALOG #
AAA100574

REACTIVITY
Human

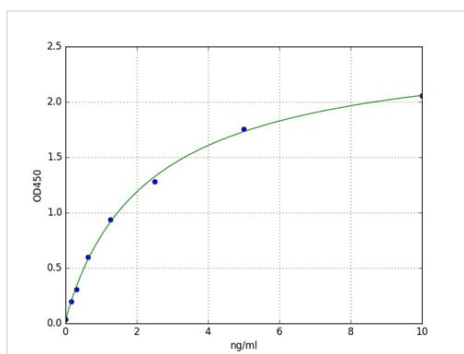
PRODUCT SYNONYMS

P2Y purinoceptor 12; Human P2Y purinoceptor 12 ELISA Kit; P2RY12/P2Y purinoceptor 12/P2Y12/P2Y12 platelet ADP receptor/ADP-glucose receptor/ADPG-R; P2RY12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	342
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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 P2RY12 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	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.037	0.085	0.142	0.212	0.423	0.758	1.345	2.372

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for P2RY12 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-P2RY12 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-P2RY12 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 P2RY12 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of P2RY12 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	29029605
NCBI GeneID	64805
NCBI Accession #	NP_795345.1
NCBI GenBank Nucleotide #	NM_176876.2
Molecular Weight	39,439 Da
NCBI Official Full Name	P2Y purinoceptor 12
NCBI Official Synonym Full Names	purinergic receptor P2Y12
NCBI Official Symbol	P2RY12
NCBI Official Synonym Symbols	HORK3; P2Y12; ADPG-R; BDPLT8; SP1999; P2T(AC); P2Y(AC); P2Y(12)R; P2Y(ADP); P2Y(cyc)
NCBI Protein Information	P2Y purinoceptor 12
UniProt Protein Name	P2Y purinoceptor 12
UniProt Gene Name	P2RY12
UniProt Synonym Gene Names	HORK3; P2Y12; ADPG-R; P2Y(ADP)
UniProt Entry Name	P2Y12_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/p2ry12-human-elisa-kits/p2y-purinoceptor-12/100574>