

Mouse Purinergic receptor P2Y, G-protein coupled, 12 ELISA Kit | P2Y12 elisa kit

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CATALOG #
AAA94907

REACTIVITY
Mouse

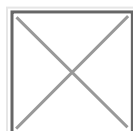
PRODUCT SYNONYMS

Purinergic receptor P2Y; G-protein coupled; 12; Mouse Purinergic receptor P2Y; 12 ELISA Kit; P2Y12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This P2Y12 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse P2Y12. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for P2Y12 elisa kit

Principle of the Assay: P2Y12 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-P2Y12 antibody and an P2Y12-HRP conjugate. The assay sample and buffer are incubated together with P2Y12-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 P2Y12 concentration since P2Y12 from samples and P2Y12-HRP conjugate compete for the anti-P2Y12 antibody binding site. Since the number of sites is limited, as more sites are occupied by P2Y12 from the sample, fewer sites are left to bind P2Y12-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The P2Y12 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17389767
NCBI GeneID	64805
Molecular Weight	39,439 Da
NCBI Official Full Name	Purinergic receptor P2Y, G-protein coupled, 12

NCBI Official Synonym Full Names	purinergic receptor P2Y, G-protein coupled, 12
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; ADP-glucose receptor; purinergic receptor P2RY12; P2Y12 platelet ADP receptor; Gi-coupled ADP receptor HORK3; G-protein coupled receptor SP1999; putative G-protein coupled receptor
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/p2y12-mouse-elisa-kits/purinergic-receptor-p2y-g-protein-coupled-12/94907>