

Mouse Purinergic Receptor P2Y, G Protein Coupled 12 (P2RY12) ELISA Kit | P2ry12 elisa kit

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CATALOG # AAA219801	REACTIVITY Mouse
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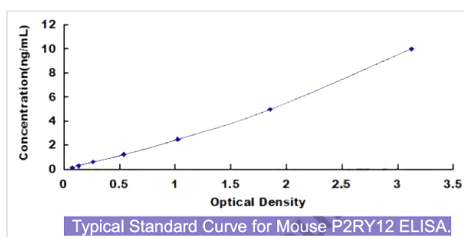
PRODUCT SYNONYMS

Purinergic Receptor P2Y; G Protein Coupled 12 (P2RY12); Mouse Purinergic Receptor P2Y; G Protein Coupled 12 (P2RY12) ELISA Kit; ADPG-R; HORK3; P2T(AC); P2Y(AC); P2Y(ADP); P2Y(cyc); P2Y12; SP1999; ADP-glucose receptor; P2Y12 platelet ADP receptor; P2ry12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of P2RY12. No significant cross-reactivity or interference between P2RY12 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Mouse tissue homogenates, cell lysates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.061ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level P2RY12 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level P2RY12 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Shelf Life: 12 months

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 P2RY12. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to P2RY12. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain P2RY12, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of P2RY12 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of P2RY12 in mouse tissue homogenates, cell lysates or other biological fluids.
Product Categories/Family for P2ry12 elisa kit	Traditional ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	169790983
NCBI GeneID	70839
NCBI Accession #	NP_081847.3
NCBI GenBank Nucleotide #	NM_027571.3
UniProt Accession #	Q9CPV9
Molecular Weight	39,474 Da
NCBI Official Full Name	P2Y purinoceptor 12
NCBI Official Synonym Full Names	purinergic receptor P2Y, G-protein coupled 12
NCBI Official Symbol	P2ry12
NCBI Official Synonym Symbols	P2Y12; 2900079B22Rik; 4921504D23Rik
NCBI Protein Information	P2Y purinoceptor 12
UniProt Protein Name	P2Y purinoceptor 12
UniProt Gene Name	P2ry12
UniProt Synonym Gene Names	P2Y12
UniProt Entry Name	P2Y12_MOUSE

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/mouse-elisa-kits/purinergic-receptor-p2y-g-protein-coupled-12-p2ry12/219801>