

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

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CATALOG #
AAA84216

REACTIVITY
Human

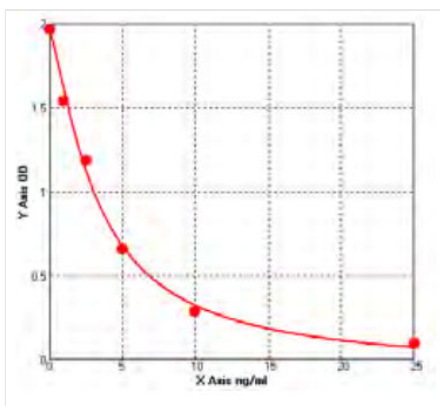
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between P2RY12 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
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 P2RY12 elisa kit	Principle of the Assay: P2RY12 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-P2RY12 antibody and an P2RY12-HRP conjugate. The assay sample and buffer are incubated together with P2RY12-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 P2RY12 concentration since P2RY12 from samples and P2RY12-HRP conjugate compete for the anti-P2RY12 antibody binding site. Since the number of sites is limited, as more sites are occupied by P2RY12 from the sample, fewer sites are left to bind P2RY12-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The P2RY12 concentration in each sample is interpolated from this standard curve. Intended Uses: This P2RY12 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human P2RY12. This ELISA kit for research use only, not for therapeutic or test applications!
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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-human-elisa-kits/purinergic-receptor-p2y-g-protein-coupled-12/84216>