

Human Putative P2Y purinoceptor 10 ELISA Kit | P2RY10 elisa kit

Human Putative P2Y purinoceptor 10 (P2RY10) ELISA Kit

CATALOG #
AAA55369

REACTIVITY
Human

PRODUCT SYNONYMS

Putative P2Y purinoceptor 10; Human Putative P2Y purinoceptor 10 (P2RY10) ELISA Kit; P2RY10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human P2RY10. No significant cross-reactivity or interference between Human P2RY10 and analogues was observed.
Sequence Length	339
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.31 ng/mL - 20 ng/mL
Sensitivity	0.1 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for P2RY10 elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate P2RY10 in Human serum, plasma. An antibody specific for P2RY10 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any P2RY10 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for P2RY10 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of P2RY10 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Intended Uses: For the quantitative detection of Human Putative P2Y purinoceptor 10 (P2RY10) concentration in serum, plasma and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1023300861
NCBI GeneID	27334
NCBI Accession #	NP_001311147.1
NCBI GenBank Nucleotide #	NM_001324218.1
UniProt Accession #	O00398; Q4VBN7; Q86V16; D3DTE5

Molecular Weight	38,774 Da
NCBI Official Full Name	putative P2Y purinoceptor 10 isoform a
NCBI Official Synonym Full Names	P2Y receptor family member 10
NCBI Official Symbol	P2RY10
NCBI Official Synonym Symbols	P2Y10; LYPSR2
NCBI Protein Information	putative P2Y purinoceptor 10
UniProt Protein Name	Putative P2Y purinoceptor 10
UniProt Gene Name	P2RY10
UniProt Synonym Gene Names	P2Y10

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://www.aaabiotech.com/p2ry10-human-elisa-kits/putative-p2y-purinoceptor-10/55369>