

Human Alpha-type platelet-derived growth factor receptor, PDGFRA ELISA Kit | PDGFRA elisa kit

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CATALOG #
AAA43410

REACTIVITY
Human

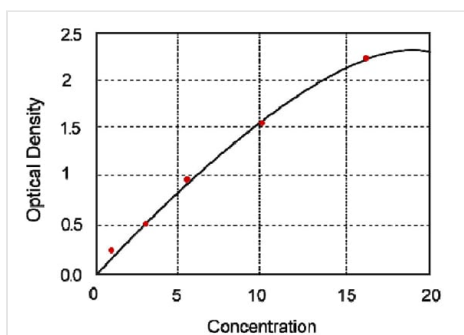
PRODUCT SYNONYMS

Alpha-type platelet-derived growth factor receptor; PDGFRA; Human Alpha-type platelet-derived growth factor receptor; PDGFRA ELISA Kit; PDGFRA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1089
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.04-15ng/ml
Sensitivity	0.018ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested 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 separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDGFRA elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human PDGFRA antibody. PDGFRA present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human PDGFRA Antibody is added and binds to PDGFRA in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PDGFRA antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human PDGFRA. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Alpha-type platelet-derived growth factor receptor (also known as PDGFRA) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5453870
NCBI GeneID	5156
NCBI Accession #	NP_006197.1
NCBI GenBank Nucleotide #	NM_006206.5
UniProt Accession #	P16234; Q6P4H5; Q96KZ7; Q9UD28; B2RE69; E9PBH0
Molecular Weight	24,023 Da
NCBI Official Full Name	platelet-derived growth factor receptor alpha isoform 1
NCBI Official Synonym Full Names	platelet derived growth factor receptor alpha
NCBI Official Symbol	PDGFRA
NCBI Official Synonym Symbols	CD140A; PDGFR2; PDGFR-2
NCBI Protein Information	platelet-derived growth factor receptor alpha
UniProt Protein Name	Platelet-derived growth factor receptor alpha
UniProt Gene Name	PDGFRA
UniProt Synonym Gene Names	PDGFR2; RHEPDGFRA; PDGF-R-alpha; PDGFR-alpha; PDGFR-2

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/human-elisa-kits/alpha-type-platelet-derived-growth-factor-receptor-pdgfra/43410>