

Human Beta-type platelet-derived growth factor receptor (PDGFRB) ELISA Kit | PDGFRB elisa kit

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CATALOG #
AAA44324

REACTIVITY
Human

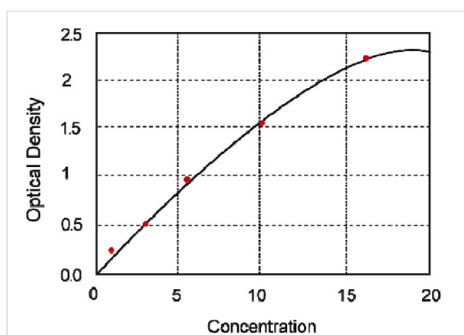
PRODUCT SYNONYMS

Beta-type platelet-derived growth factor receptor (PDGFRB); Human Beta-type platelet-derived growth factor receptor (PDGFRB) ELISA Kit; PDGFRB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	528
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-15ng/ml
Sensitivity	0.022ng/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 PDGFRB elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human PDGFRB antibody. PDGFRB present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human PDGFRB Antibody is added and binds to PDGFRB in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PDGFRB 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 PDGFRB. 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 Beta-type platelet-derived growth factor receptor (also known as PDGFRB) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	344250864
NCBI GeneID	100764374
UniProt Accession #	Q05030; Q8R406; Q925F7
Molecular Weight	122,828 Da
NCBI Official Full Name	Beta-type platelet-derived growth factor receptor
NCBI Official Symbol	Pdgfrb
NCBI Protein Information	platelet-derived growth factor receptor beta
UniProt Protein Name	Platelet-derived growth factor receptor beta
UniProt Gene Name	Pdgfrb
UniProt Synonym Gene Names	Pdgfr; Pdgfr1; PDGF-R-beta; PDGFR-beta; PDGFR-1

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/beta-type-platelet-derived-growth-factor-receptor-pdgfrb/44324>