

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

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CATALOG #
AAA97979

REACTIVITY
Human

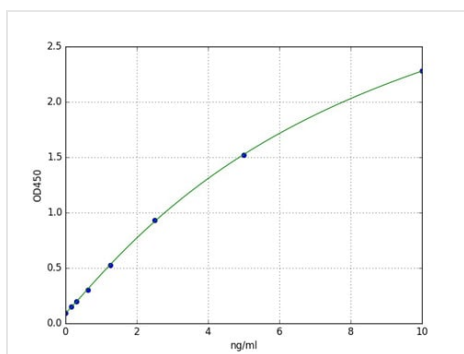
PRODUCT SYNONYMS

Alpha-type platelet-derived growth factor receptor; Human Alpha-type platelet-derived growth factor receptor ELISA Kit; PDGFRA/CD140a/CD140A/CD140a antigen/PDGFR2/PDGF-R-alpha/RHEPDGFRA/alpha-type platelet-derived growth factor receptor/CD140 antigen-like family member A; PDGFRA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1149
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human PDGFRA ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450								

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDGFRA elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human PDGFRA antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PDGFRA antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human PDGFRA amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PDGFRA can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	528754116
NCBI GeneID	102512589
Molecular Weight	129,472 Da
NCBI Official Full Name	alpha-type platelet-derived growth factor receptor
NCBI Official Symbol	PDGFRA
NCBI Protein Information	platelet-derived growth factor receptor, alpha polypeptide; alpha-type platelet-derived growth factor receptor
UniProt Protein Name	Platelet-derived growth factor receptor alpha
UniProt Gene Name	CB1_002539001
UniProt Synonym Gene Names	PDGF-R-alpha; PDGFR-alpha
UniProt Entry Name	S9XQ70_9CETA

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/pdgfra-human-elisa-kits/alpha-type-platelet-derived-growth-factor-receptor/97979>