

Human Platelet Derived Growth Factor Receptor Beta ELISA Kit | PDGFRbeta elisa kit

Human Platelet Derived Growth Factor Receptor Beta ELISA Kit

CATALOG #
AAA101656

REACTIVITY
Human

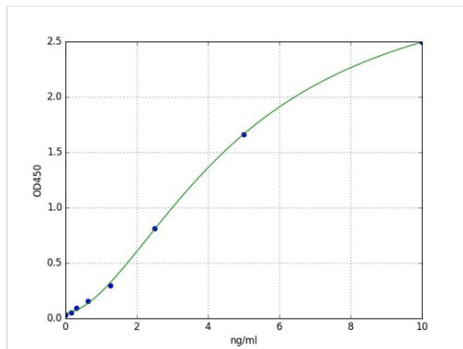
PRODUCT SYNONYMS

Platelet Derived Growth Factor Receptor Beta; Human Platelet Derived Growth Factor Receptor Beta ELISA Kit; PDGFRb/CD140b/PDGFRB/beta-type platelet-derived growth factor receptor/CD140 antigen-like family member B/CD140b/CD140B/CD140b antigen/EC 2.7.10/EC 2.7.10.1/JTK12/PDGFR/PDGFR1/PDGF-R-beta/platelet-derived growth factor receptor; beta polypeptide; PDGFRbeta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1097
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 PDGFRβ 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	0.104	0.194	0.224	0.440	0.673	1.059	1.567	2.217

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDGFRbeta elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human PDGFRbeta antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PDGFRbeta 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 PDGFRbeta amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PDGFRbeta can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	29789275
NCBI GeneID	24629
NCBI Accession #	NP_113713.1
NCBI GenBank Nucleotide #	NM_031525.1
Molecular Weight	122,828 Da
NCBI Official Full Name	platelet-derived growth factor receptor beta
NCBI Official Synonym Full Names	platelet derived growth factor receptor beta
NCBI Official Symbol	Pdgfrb
NCBI Official Synonym Symbols	PDGFR-1
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
UniProt Entry Name	PGFRB_RAT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/pdgfrb-beta-human-elisa-kits/platelet-derived-growth-factor-receptor-beta/101656>