

Rat Beta-type platelet-derived growth factor receptor ELISA Kit | PDGFRb elisa kit

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CATALOG #
AAA17657

REACTIVITY
Rat

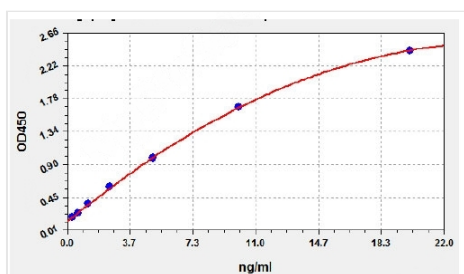
PRODUCT SYNONYMS

Beta-type platelet-derived growth factor receptor; Rat Beta-type platelet-derived growth factor receptor 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; PDGFRb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of PDGFRb. No significant cross-reactivity or interference between PDGFRb and analogues was observed.
Sequence Length	373
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for PDGFRb elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	521028537
NCBI GeneID	102241145
UniProt Accession #	Q6QNF3
Molecular Weight	123,022 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 polypeptide; Beta-type platelet-derived growth factor receptor
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_CANLF

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/pdgfrb-rat-elisa-kits/beta-type-platelet-derived-growth-factor-receptor/17657>