

Mouse platelet-derived growth factor receptor, beta polypeptide ELISA Kit | PDGFRB elisa kit

Mouse Beta-type platelet-derived growth factor receptor, PDGFRB ELISA Kit

CATALOG # AAA18160	REACTIVITY Mouse
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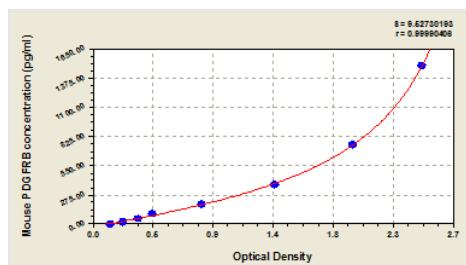
PRODUCT SYNONYMS

platelet-derived growth factor receptor; beta polypeptide; Mouse Beta-type platelet-derived growth factor receptor; PDGFRB ELISA Kit; Mouse Beta-type platelet-derived growth factor receptor (PDGFRB) ELISA kit; CD140B; JTK12; PDGFR; PDGFR1; CD140 antigen-like family member B; PDGF-R-beta; platelet-derived growth factor receptor beta; PDGFRB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse PDGFRB. No significant cross-reactivity or interference between mouse PDGFRB and analogues was observed.
Sequence Length	1099
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates
Detection Range	23.44 pg/ml-1500 pg/ml
Sensitivity	< 5.86 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDGFRB elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PDGFRB has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PDGFRB present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PDGFRB is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PDGFRB bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	226342982
NCBI GeneID	18596
NCBI Accession #	NP_001139740.1
NCBI GenBank Nucleotide #	NM_001146268.1
UniProt Accession #	P05622
Molecular Weight	122,806 Da
NCBI Official Full Name	platelet-derived growth factor receptor beta isoform 1
NCBI Official Synonym Full Names	platelet derived growth factor receptor, beta polypeptide
NCBI Official Symbol	Pdgfrb
NCBI Official Synonym Symbols	Pdgfr; CD140b; PDGFR-1; AI528809
NCBI Protein Information	platelet-derived growth factor receptor beta; PDGFR-beta; PDGF-R-beta; PDGF beta chain; CD140 antigen-like family member B; platelet-derived growth factor receptor 1; beta platelet-derived growth factor receptor; beta-type platelet-derived growth factor receptor; platelet-derived growth factor receptor beta variant 1
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_MOUSE

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-mouse-elisa-kits/platelet-derived-growth-factor-receptor-beta-polypeptide/18160>