

Mouse Platelet Derived Growth Factor Receptor Like Protein (PDGFRL) ELISA Kit | PDGFRL elisa kit

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CATALOG # AAA65988	REACTIVITY Mouse
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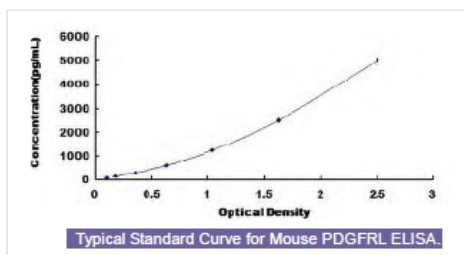
PRODUCT SYNONYMS

Platelet Derived Growth Factor Receptor Like Protein (PDGFRL); Mouse Platelet Derived Growth Factor Receptor Like Protein (PDGFRL) ELISA Kit; PRLTS; PDGF-Receptor Beta-Like Tumor Suppressor; PDGFRL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of PDGFRL. No significant cross-reactivity or interference between PDGFRL and analogues was observed.
Sequence Length	375
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	30.8pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PDGFRL were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PDGFRL were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDGFRL elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PDGFRL in mouse serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PDGFRL. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PDGFRL. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PDGFRL, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of PDGFRL in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	170763511
NCBI GeneID	68797
NCBI Accession #	NP_081116.3
NCBI GenBank Nucleotide #	NM_026840.3
UniProt Accession #	Q6PE55; Q3V182; Q9D0Z1
Molecular Weight	41,928 Da
NCBI Official Full Name	platelet-derived growth factor receptor-like protein
NCBI Official Synonym Full Names	platelet-derived growth factor receptor-like
NCBI Official Symbol	Pdgfrl
NCBI Official Synonym Symbols	AV013190; 1110039P19Rik
NCBI Protein Information	platelet-derived growth factor receptor-like protein
UniProt Protein Name	Platelet-derived growth factor receptor-like protein
UniProt Gene Name	Pdgfrl
UniProt Synonym Gene Names	PDGFR-like protein

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/mouse-elisa-kits/platelet-derived-growth-factor-receptor-like-protein-pdgfrl/65988>