

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

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CATALOG #
AAA84890

REACTIVITY
Mouse

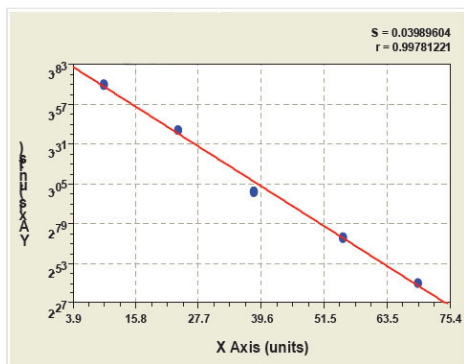
PRODUCT SYNONYMS

Platelet Derived Growth Factor Receptor Like Protein; Mouse Platelet Derived Growth Factor Receptor Like Protein ELISA Kit; PDGFRL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250-5000pg/m
Sensitivity	1.0pg/mL
Intended Uses	This PDGFRL ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of mouse PDGFRL. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDGFRL elisa kit

Principle of the Assay: PDGFRL ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PDGFRL antibody and an PDGFRL-HRP conjugate. The assay sample and buffer are incubated together with PDGFRL-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PDGFRL concentration since PDGFRL from samples and PDGFRL-HRP conjugate compete for the anti-PDGFRL antibody binding site. Since the number of sites is limited, as more sites are occupied by PDGFRL from the sample, fewer sites are left to bind PDGFRL-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PDGFRL concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453872
NCBI GeneID	5157
NCBI Accession #	NP_006198.1
NCBI GenBank Nucleotide #	NM_006207.2
Molecular Weight	41,861 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	PDGRL; PRLTS
NCBI Protein Information	platelet-derived growth factor receptor-like protein; PDGFR-like protein; PDGF receptor beta-like tumor suppressor; platelet-derived growth factor-beta-like tumor suppressor
UniProt Protein Name	Platelet-derived growth factor receptor-like protein
UniProt Gene Name	PDGFRL
UniProt Synonym Gene Names	PRLTS; PDGFR-like protein
UniProt Entry Name	PGFRL_HUMAN

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.