

Mouse PDGFD (Platelet Derived Growth Factor D) CLIA Kit | PDGFD clia kit

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CATALOG #
AAA170993

REACTIVITY
Mouse

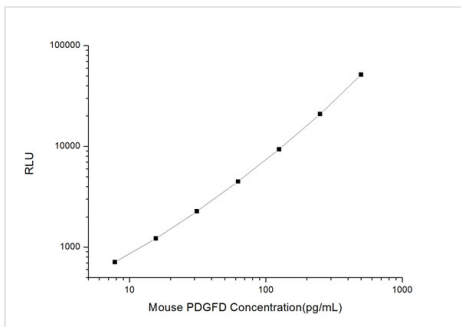
PRODUCT SYNONYMS

PDGFD (Platelet Derived Growth Factor D); Mouse PDGFD (Platelet Derived Growth Factor D) CLIA Kit; PDGFD clia kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes natural and recombinant PDGFD. No significant cross-reactivity or interference between PDGFD and analogues was observed.
Sequence Length	364
Assay Type	Sandwich
Detection Range	7.813-500pg/mL
Sensitivity	Min: 4.688pg/mL; Max: 500pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDGFD clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of PDGFD concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to PDGFD. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for PDGFD and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain PDGFD, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of PDGFD. You can calculate the concentration of PDGFD in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15451921
NCBI GeneID	80310
NCBI Accession #	NP_149126.1
NCBI GenBank Nucleotide #	NM_033135.3
Molecular Weight	42,167 Da
NCBI Official Full Name	platelet-derived growth factor D isoform 2
NCBI Official Synonym Full Names	platelet derived growth factor D
NCBI Official Symbol	PDGFD
NCBI Official Synonym Symbols	IEGF; SCDGFB; MSTP036; SCDGF-B
NCBI Protein Information	platelet-derived growth factor D
UniProt Protein Name	Platelet-derived growth factor D
UniProt Gene Name	PDGFD
UniProt Synonym Gene Names	IEGF; SCDGFB; PDGF-D; SCDGF-B; PDGFD latent form; PDGFD receptor-binding form
UniProt Entry Name	PDGFD_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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-clia-kits/pdgfd-platelet-derived-growth-factor-d/170993>