

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

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CATALOG #
AAA130505

REACTIVITY
Rat

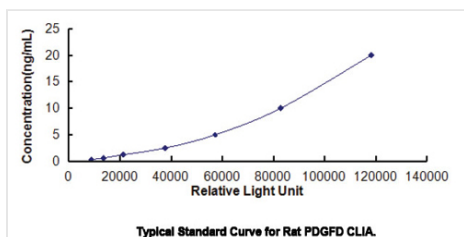
PRODUCT SYNONYMS

Platelet Derived Growth Factor D (PDGFD); Rat Platelet Derived Growth Factor D (PDGFD) CLIA Kit; PDGF-D; IEGF; SCDGF-B; Spinal Cord Derived Growth Factor B; Iris-expressed growth factor; Platelet-derived growth factor D; receptor-binding form/latent form; PDGFD clia kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Platelet Derived Growth Factor D (PDGFD). No significant cross-reactivity or interference between Platelet Derived Growth Factor D (PDGFD) and analogues was observed.
Sequence Length	364
Assay Type	Double-antibody Sandwich
Samples	Plasma
Detection Range	27.4-20,000pg/mL
Sensitivity	10.2pg/mL
Application	Chemiluminescent immunoassay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Platelet Derived Growth Factor D (PDGFD) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Platelet Derived Growth Factor D (PDGFD) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDGFD clia kit	The microplate provided in this kit has been pre-coated with an antibody specific to Platelet Derived Growth Factor D (PDGFD). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Platelet Derived Growth Factor D (PDGFD). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Platelet Derived Growth Factor D (PDGFD) level in the sample or standard.;
Product Categories/Family for PDGFD clia kit	Cytokine

NCBI AND UNIPROT INFORMATION

NCBI GI #	15451921
NCBI GeneID	80310
NCBI Accession #	NP_149126.1
NCBI GenBank Nucleotide #	NM_033135.3
UniProt Accession #	Q9GZP0; Q9BWV5; A8K9T6
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/rat-clia-kits/platelet-derived-growth-factor-d-pdgfd/130505>