

Human Platelet-Derived Growth Factor D (PDGFD) ELISA Kit | PDGFD elisa kit

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CATALOG #
AAA331438

REACTIVITY
Human

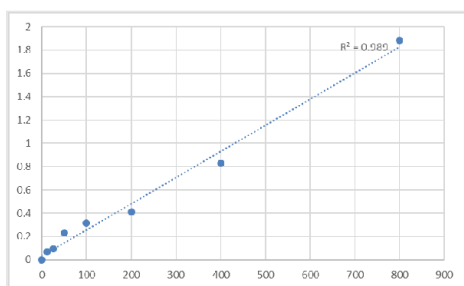
PRODUCT SYNONYMS

Platelet-Derived Growth Factor D (PDGFD); Human Platelet-Derived Growth Factor D (PDGFD) ELISA Kit; PDGFD; IEGF; MGC26867; MSTP036; SCDGF-B; SCDGFB; iris-expressed growth factor; spinal cord derived growth factor B; spinal cord-derived growth factor-B; PDGFD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Platelet-derived growth factor D (PDGFD) ELISA Kit has high sensitivity and excellent specificity for detection of Human PDGFD. No significant cross-reactivity or interference between Human PDGFD and analogues was observed.
Sequence Length	364
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Platelet-derived growth factor D (PDGFD) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PDGFD elisa kit	Description: This Human Platelet-derived growth factor D (PDGFD) ELISA Kit employs a two-site sandwich ELISA to quantitate PDGFD in samples. An antibody specific for PDGFD has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PDGFD present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PDGFD is added to the wells. After washing, Streptavidin 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 PDGFD bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Platelet-derived growth factor D is a member of the platelet-derived growth factor family. The four members of this family are mitogenic factors for cells of mesenchymal origin and are characterized by a core motif of eight cysteines, seven of which are found in this factor. This gene product only forms homodimers and, therefore, does not dimerize with the other three family members. It differs from alpha and beta members of this family in having an unusual N-terminal domain, the CUB domain. Two splice variants have been identified for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15451921
NCBI GeneID	80310
NCBI Accession #	NP_149126.1
NCBI GenBank Nucleotide #	NP_149126.1
UniProt Accession #	Q9GZP0
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
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.