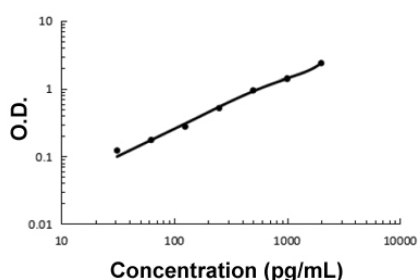


# PDGFD (Human) ELISA Kit

Catalog # KA5498

Size 1 Kit

## Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

## Specification

**Product Description** PDGFD (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for the quantitative measurement of human PDGFD.

**Suitable Sample** Cell Culture Supernates, Plasma (EDTA, Heparin) and Serum

**Sample Volume** 100  $\mu$ L

**Label** HRP-conjugated

**Detection Method** Colorimetric

**Assay Type** Quantitative

**Calibration Range** 31.2 to 2000 pg/mL

**Reactivity** Human

**Regulatory Status** For research use only (RUO)

**Quality Control Testing** Standard curve  
The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

**Storage Instruction** Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

## Applications

- Quantification

## Gene Info — PDGFD

Entrez GeneID [80310](#)

Protein Accession# [Q9GZP0](#)

Gene Name PDGFD

Gene Alias IEGF, MGC26867, MSTP036, SCDGF-B, SCDGFB

Gene Description platelet derived growth factor D

Omim ID [609673](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The protein encoded by this gene 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. [provided by RefSeq]

**Other Designations** iris-expressed growth factor|spinal cord derived growth factor B|spinal cord-derived growth factor-B

## Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Focal adhesion](#)
- [Gap junction](#)
- [Melanoma](#)
- [Prostate cancer](#)
- [Regulation of actin cytoskeleton](#)

## Disease

- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Diseases](#)
- [Hypertension](#)
- [Stroke](#)
- [Tobacco Use Disorder](#)