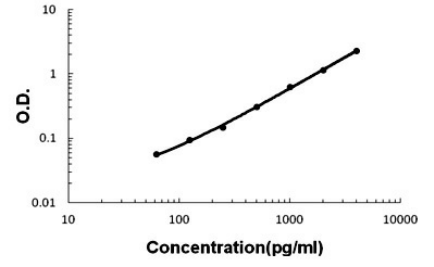
VEGFC (Human) ELISA Kit

Catalog # KA0666 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	VEGFC (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human VEGFC.
Suitable Sample	Cell Culture Supernatant, Serum, Plasma (EDTA, Heparin)
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	62.5 to 4000 pg/mL
Reactivity	Human
Regulation 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.

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Applications

- Quantification

Gene Info — VEGFC

Entrez GeneID	7424
Gene Name	VEGFC
Gene Alias	Flt4-L, VRP
Gene Description	vascular endothelial growth factor C
Omim ID	601528
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the platelet-derived growth factor/vascular endothelial growth factor (PDGF/VEGF) family, is active in angiogenesis and endothelial cell growth, and can also affect the permeability of blood vessels. This secreted protein undergoes a complex proteolytic maturation, generating multiple processed forms which bind and activate VEGFR-3 receptors. Only the fully processed form can bind and activate VEGFR-2 receptors. This protein is structurally and functionally similar to vascular endothelial growth factor D. [provided by RefSeq
Other Designations	FLT4 ligand DHM|vascular endothelial growth factor-related protein

Pathway

- Bladder cancer
- Cytokine-cytokine receptor interaction
- Focal adhesion
- mTOR signaling pathway
- Pancreatic cancer
- Pathways in cancer
- Renal cell carcinoma

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Disease

- Angina Pectoris
- Anoxia
- Cardiovascular Diseases
- Chorioamnionitis
- Coronary Disease
- Diabetes Mellitus
- Edema
- Femur Head Necrosis
- Fetal Membranes
- Genetic Predisposition to Disease
- Lymphedema
- Myocardial Infarction
- Obstetric Labor
- Osteonecrosis
- Ovarian Neoplasms
- Pre-Eclampsia
- Premature Birth
- Tobacco Use Disorder

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