Vegfa (Rat) ELISA Kit

Catalog # KA0430 Size 1 Kit

Specification

Product Description	Vegfa (Rat) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of rat Vegfa.
Suitable Sample	Cell Culture Supernatant, Plasma (Citrate, EDTA, Heparin), Serum
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	15.6 to 1000 pg/mL
Reactivity	Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

Applications

- Quantification

Gene Info — Vegfa

Entrez GeneID	83785
Gene Name	Vegfa
Gene Alias	VEGF164, Vegf

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Gene Description	vascular endothelial growth factor A
Gene Ontology	Hyperlink
Other Designations	-

Publication Reference

- Sorafenib loaded PAMAM-dendrimer attenuates liver fibrosis and its complications in bile duct-ligated rats.

  Shafie F, Nabavizadeh F, Shafie Ardestani M, Panahi M, Adeli S, Samandari H, Ashabi G.

  Canadian Journal of Physiology and Pharmacology 2019 May; 1.

  Application: ELISA, Rat, Serum, Liver extracted

- Regulation of vascular endothelial growth factor expression by insulin-like growth factor I in thyroid carcinomas.

  Poulaki V, Mitsiades CS, McMullan C, Sykoutri D, Fanourakis G, Kotoula V, Tseleni-Balafouta S, Koutras DA, Mitsiades N.

  The Journal of Clinical Endocrinology and Metabolism 2003 Nov; 88(11):5392.

  Application: Quant, Human, SW579 cells

- A common polymorphism in the 5'-untranslated region of the VEGF gene is associated with diabetic retinopathy in type 2 diabetes.

  Awata T, Inoue K, Kurihara S, Ohkubo T, Watanabe M, Inukai K, Inoue I, Katayama S.

  Diabetes 2002 May; 51(5):1635.

- The neurotransmitter dopamine inhibits angiogenesis induced by vascular permeability factor/vascular endothelial growth factor.

  Basu S, Nagy JA, Pal S, Vasile E, Eckelhoefer IA, Bliss VS, Manseau EJ, Dasgupta PS, Dvorak HF, Mukhopadhyay D.

  Nature Medicine 2001 May; 7(5):569.

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