

Human VEGF-R2 ELISA Kit | VEGF-R2 elisa kit

VEGF-R2 Human ELISA Kit

CATALOG # AAA58965	REACTIVITY Human	APPLICATIONS ELISA
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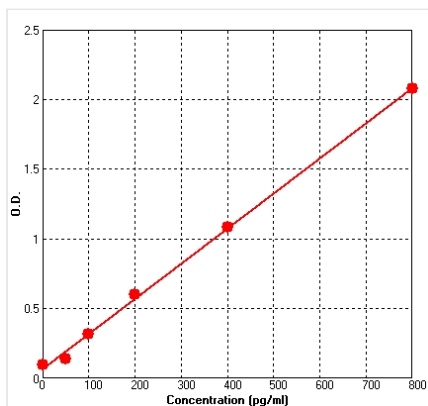
PRODUCT SYNONYMS

VEGF-R2; VEGF-R2 Human ELISA Kit; Human VEGF-R2; VEGF-R2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Detection Range	30 pg/ml-800 pg/ml
Applicable Applications for VEGF-R2 elisa kit	ELISA
Preparation and Storage	Store at 2-8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VEGF-R2 elisa kit	Principle of the Assay: This kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. The purified anti-VEGFR2 antibody was pre-coated onto 96-well plates. And the HRP conjugated anti-VEGFR2 antibody was used as detection antibodies. The standards, test samples and HRP conjugated detection antibody were added to the wells subsequently, mixed and incubated, then, unbound conjugates were washed away with wash buffer. TMB substrates (A & B) were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the VEGFR2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of VEGFR2 can be calculated. Background: VEGF receptors are receptors for vascular endothelial growth factor (VEGF). They play an essential role in the regulation of angiogenesis, vascular development, vascular permeability, and embryonic hematopoiesis. There are three main subtypes of VEGFR, numbered 1, 2 and 3. VEGFR2, also known as Kinase insert domain receptor (KDR) or Flk1 (Fetal Liver Kinase 1), plays an important role as negative regulator of VEGFA- and VEGFC- mediated lymphangiogenesis by limiting the amount of free VEGFA and/or VEGFC and preventing their binding to FLT4. Furthermore, therapeutic inhibition of VEGFR-2 action is now having an impact in the clinic for the treatment of a number of diseases.
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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/human-elisa-kits/vegfr2/58965>