

Human Vascular Endothelial cell Growth Factor ELISA Kit | VEGF165 elisa kit

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CATALOG #
AAA16761

REACTIVITY
Human

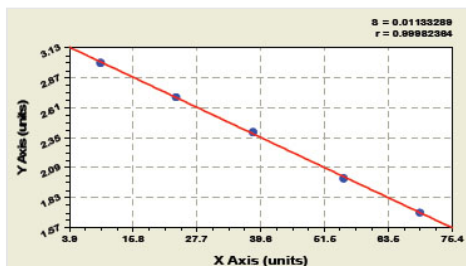
PRODUCT SYNONYMS

Vascular Endothelial cell Growth Factor; Human Vascular Endothelial cell Growth Factor ELISA Kit; VEGF165 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This VECGF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human VECGF. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VEGF165 elisa kit

Principle of the assay: VECGF ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-VECGF antibody and an VECGF-HRP conjugate. The assay sample and buffer are incubated together with VECGF-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the VECGF concentration since VECGF from samples and VECGF-HRP conjugate compete for the anti-VECGF antibody binding site. Since the number of sites is limited, as more sites are occupied by VECGF from the sample, fewer sites are left to bind VECGF-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The VECGF concentration in each sample is interpolated from this standard curve.

Product Categories/Family for VEGF165 elisa kit

Cancer

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://www.aaabiotech.com/veg165-human-elisa-kits/vascular-endothelial-cell-growth-factor/16761>