

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

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CATALOG #
AAA90537

REACTIVITY
Canine

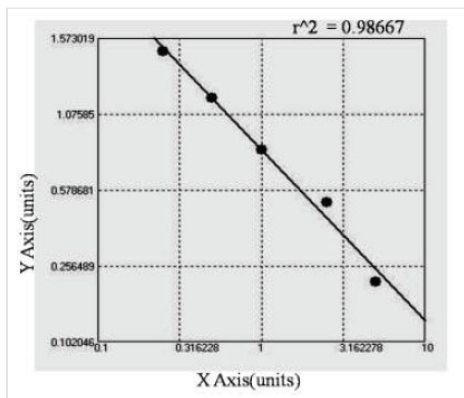
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VEGF165 elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This VEGF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine VEGF. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY VEGF ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-VEGF antibody and an VEGF-HRP conjugate. The assay sample and buffer are incubated together with VEGF-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 VEGF concentration since VEGF from samples and VEGF-HRP conjugate compete for the anti-VEGF antibody binding site. Since the number of sites is limited, as more sites are occupied by VEGF from the sample, fewer sites are left to bind VEGF-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The VEGF 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://stage.aaabiotech.com/vegf165-canine-elisa-kits/vascular-endothelial-cell-growth-factor/90537>