

Rat Vascular Endothelial Growth Factor E ELISA Kit | VEGF-E elisa kit

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CATALOG #
AAA83582

REACTIVITY
Rat

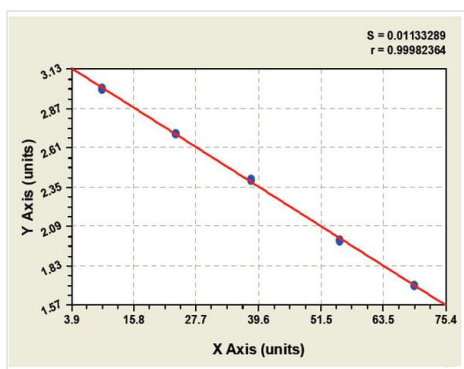
PRODUCT SYNONYMS

Vascular Endothelial Growth Factor E; Rat Vascular Endothelial Growth Factor E ELISA Kit; VEGF-E elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This VEGF-E ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat VEGF-E. 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 VEGF-E elisa kit

Principle of the assay: VEGF-E ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-VEGF-E antibody and an VEGF-E-HRP conjugate. The assay sample and buffer are incubated together with VEGF-E-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-E concentration since VEGF-E from samples and VEGF-E-HRP conjugate compete for the anti-VEGF-E antibody binding site. Since the number of sites is limited, as more sites are occupied by VEGF-E from the sample, fewer sites are left to bind VEGF-E-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The VEGF-E concentration in each sample is interpolated from this standard curve.

Product Categories/Family for VEGF-E elisa kit

Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	74230845
Molecular Weight	14,729 Da
NCBI Official Full Name	VEGF-E
UniProt Protein Name	VEGF
UniProt Gene Name	VEGF
UniProt Entry Name	Q2F842_ORFV

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/vegf-e-rat-elisa-kits/vascular-endothelial-growth-factor-e/83582>