

Human Vascular Endothelial Cell Growth Factor (VEGF165) ELISA Kit | VEGF165 elisa kit

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CATALOG #
AAA330285

REACTIVITY
Human

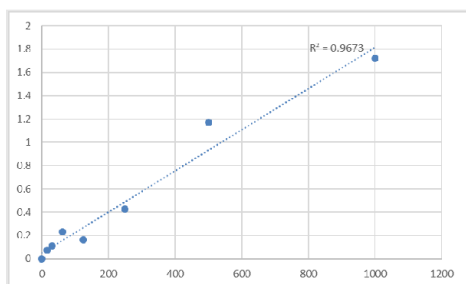
PRODUCT SYNONYMS

Vascular Endothelial Cell Growth Factor (VEGF165); Human Vascular Endothelial Cell Growth Factor (VEGF165) ELISA Kit; VEGF165 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Vascular endothelial cell growth factor (VEGF165) ELISA Kit has high sensitivity and excellent specificity for detection of Human VEGF165. No significant cross-reactivity or interference between Human VEGF165 and analogues was observed.
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Vascular endothelial cell growth factor (VEGF165) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for VEGF165 elisa kit	Description: This Human Vascular endothelial cell growth factor (VEGF165) ELISA Kit employs a two-site sandwich ELISA to quantitate VEGF165 in samples. An antibody specific for VEGF165 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any VEGF165 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for VEGF165 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of VEGF165 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: VEGF-A is a glycosylated mitogen that specifically acts on endothelial cells and has various effects, including mediating increased vascular permeability, inducing angiogenesis, vasculogenesis and endothelial cell growth, promoting cell migration, and inhibiting apoptosis. Alternatively spliced transcript variants, encoding either freely secreted or cell-associated isoforms, have been characterized. VEGF is a chemical signal produced by cells that stimulates the growth of new blood vessels. The most important member is VEGF-A. Other members are Placenta growth factor (PlGF), VEGF-B, VEGF-C and VEGF-D. The latter ones were discovered later than VEGF-A, and, before their discovery, VEGF-A was called just VEGF.
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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://www.aaabiotech.com/human-elisa-kits/vascular-endothelial-cell-growth-factor-vegf165/330285>