

Human Vascular Endothelial Growth Factor 121 (VEGF121) ELISA Kit | VEGF121 elisa kit

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CATALOG #
AAA44055

REACTIVITY
Human

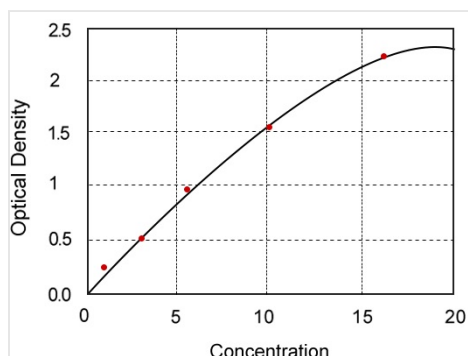
PRODUCT SYNONYMS

Vascular Endothelial Growth Factor 121 (VEGF121); Human Vascular Endothelial Growth Factor 121 (VEGF121) ELISA Kit; VEGF121 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	147
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	2ng/ml - 600ng/ml
Sensitivity	1.14ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VEGF121 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Vascular Endothelial Growth Factor 121 (also known as VEGF121) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human VEGF121 antibody. VEGF121 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human VEGF121 Antibody is added and binds to VEGF121 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated VEGF121 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human VEGF121. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6631029
NCBI GeneID	7422
Molecular Weight	40,738 Da
NCBI Official Full Name	vascular endothelial growth factor isoform 121
NCBI Official Synonym Full Names	vascular endothelial growth factor A
NCBI Official Symbol	VEGFA
NCBI Official Synonym Symbols	VPF; VEGF; MVCD1
NCBI Protein Information	vascular endothelial growth factor A
UniProt Protein Name	Vascular endothelial growth factor A
UniProt Gene Name	VEGFA
UniProt Synonym Gene Names	VEGF; VEGF-A; VPF

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/vascular-endothelial-growth-factor-121-vegfa121/44055>