

Human VEGF-D ELISA Kit | VEGF-D elisa kit

VEGF-D Human ELISA Kit

CATALOG # AAA13503	REACTIVITY Human	APPLICATIONS ELISA
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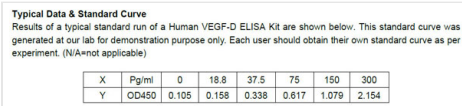
PRODUCT SYNONYMS

VEGF-D; VEGF-D Human ELISA Kit; Human VEGF-D; VEGF-D elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Human serum, plasma, urine, cell culture supernatant or tissue samples
Detection Range	10 pg/ml-300 pg/ml
Applicable Applications for VEGF-D elisa kit	ELISA
Application Notes	For quantitative detection of VEGF-D in human serum, plasma, urine, cell culture supernatant or tissue samples.
Preparation and Storage	Store at 2-8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VEGF-D elisa kit

Background: C-fos induced growth factor (FIGF) (or vascular endothelial growth factor D, VEGF-D) is a member of the platelet-derived growth factor/vascular endothelial growth factor (PDGF/VEGF) family. It is active in angiogenesis, lymphangiogenesis, and endothelial cell growth. VEGF-D has been established to be over-expressed in both tumor tissues and patients' serum samples in several types of human cancer. In addition, VEGF-D expression has been implicated with increased incidence of regional lymph node metastasis. In experimental mice study, genetically modified tumor cell that was forced to produce VEGF-D protein have been established to boost up regional lymph nodes metastases.

Principle of the Assay: This kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. The purified anti-VEGF-D antibody was pre-coated onto 96-well plates. And the HRP conjugated anti-VEGF-D antibody was used as detection antibodies. The standards, test samples and HRP conjugated detection antibody were added to the wells subsequently, mixed and incubated, then, unbound conjugates were washed away with wash buffer. TMB substrates (A & B) were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the VEGF-D amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of VEGF-D can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758378
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NCBI GeneID	2277
NCBI Accession #	NP_004460.1
NCBI GenBank Nucleotide #	NM_004469.4
UniProt Accession #	O43915; B2R7Z3
Molecular Weight	40,444 Da
NCBI Official Full Name	vascular endothelial growth factor D preproprotein
NCBI Official Synonym Full Names	c-fos induced growth factor (vascular endothelial growth factor D)
NCBI Official Symbol	FIGF
NCBI Official Synonym Symbols	VEGFD; VEGF-D
NCBI Protein Information	vascular endothelial growth factor D
UniProt Protein Name	Vascular endothelial growth factor D
UniProt Gene Name	FIGF
UniProt Synonym Gene Names	VEGFD; VEGF-D; FIGF
UniProt Entry Name	VEGFD_HUMAN

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/vegfd/13503>