

Human Vascular Endothelial Growth Factor C ELISA Kit | VEGF-C elisa kit

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CATALOG #
AAA100559

REACTIVITY
Human

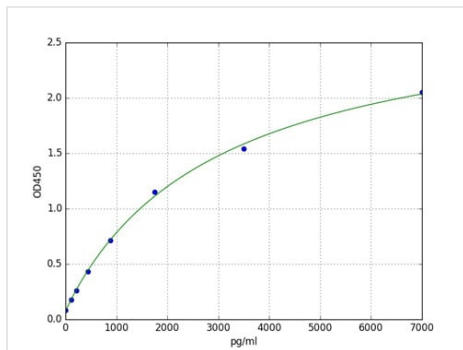
PRODUCT SYNONYMS

Vascular Endothelial Growth Factor C; Human Vascular Endothelial Growth Factor C ELISA Kit; VEGF-C (vascular endothelial growth factor C)/Flt4 ligand/Flt4-L/Vascular endothelial growth factor-related protein/VRPFLT4 ligand DHM; VEGF-C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	419
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Typical Data & Standard Curve
Results of a typical standard run of a Human VEGF-C ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	pg/ml	0	109.4	218.8	437.5	875	1750	3500	7000
Y	OD450	0.038	0.084	0.126	0.234	0.444	0.776	1.434	2.215

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VEGF-C elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human VEGF-C antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human VEGF-C antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates 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 Human VEGF-C amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human VEGF-C can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885653
NCBI GeneID	7424
NCBI Accession #	NP_005420.1
NCBI GenBank Nucleotide #	NM_005429.4
Molecular Weight	46,883 Da
NCBI Official Full Name	vascular endothelial growth factor C preproprotein
NCBI Official Synonym Full Names	vascular endothelial growth factor C
NCBI Official Symbol	VEGFC
NCBI Official Synonym Symbols	VRP; Flt4-L; LMPH1D
NCBI Protein Information	vascular endothelial growth factor C
UniProt Protein Name	Vascular endothelial growth factor C
UniProt Gene Name	VEGFC
UniProt Synonym Gene Names	VEGF-C; Flt4-L; VRP
UniProt Entry Name	VEGFC_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/vegf-c-human-elisa-kits/vascular-endothelial-growth-factor-c/100559>