

Mouse Vascular endothelial growth factor C ELISA Kit | VEGFC elisa kit

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CATALOG #
AAA99576

REACTIVITY
Mouse

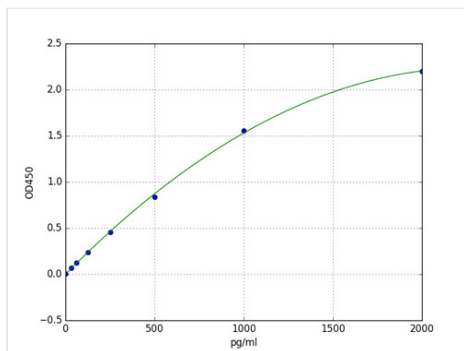
PRODUCT SYNONYMS

Vascular endothelial growth factor C; Mouse Vascular endothelial growth factor C ELISA Kit; VEGF-C (Vascular Endothelial cell Growth Factor C); VEGFC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	419
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/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 Mouse 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	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.040	0.151	0.266	0.560	0.846	1.143	1.756	2.293

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VEGFC elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse VEGF-C antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse 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 Mouse VEGF-C amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse VEGF-C can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

[49456749](#)

NCBI GeneID	7424
UniProt Accession #	Q6FH59; P49767
Molecular Weight	46,943 Da
NCBI Official Full Name	VEGFC
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	VEGFC protein
UniProt Gene Name	VEGFC
UniProt Entry Name	Q6FH59_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/vegfc-mouse-elisa-kits/vascular-endothelial-growth-factor-c/99576>