

Mouse Vascular Endothelial Growth Factor C (VEGFC) ELISA Kit | VEGFC elisa kit

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CATALOG #
AAA67553

REACTIVITY
Mouse

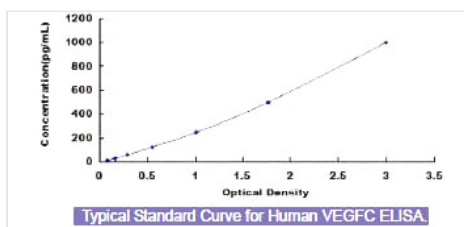
PRODUCT SYNONYMS

Vascular Endothelial Growth Factor C (VEGFC); Mouse Vascular Endothelial Growth Factor C (VEGFC) ELISA Kit; VEGFC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of VEGFC. No significant cross-reactivity or interference between VEGFC and analogues was observed.
Sequence Length	415
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	6.3pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level VEGFC were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level VEGFC were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VEGFC elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of VEGFC in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to VEGFC. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to VEGFC. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain VEGFC, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of VEGFC in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6678565
NCBI GeneID	22341
NCBI Accession #	NP_033532.1
NCBI GenBank Nucleotide #	NM_009506.2
UniProt Accession #	P97953; Q543R6; C6F5S8; C6F5S9; C6F5T0
Molecular Weight	6,405 Da
NCBI Official Full Name	vascular endothelial growth factor C
NCBI Official Synonym Full Names	vascular endothelial growth factor C
NCBI Official Symbol	Vegfc
NCBI Official Synonym Symbols	VEGF-C; AW228853
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

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/mouse-elisa-kits/vascular-endothelial-growth-factor-c-vegfc/67553>