

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

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CATALOG #
AAA65373

REACTIVITY
Rat

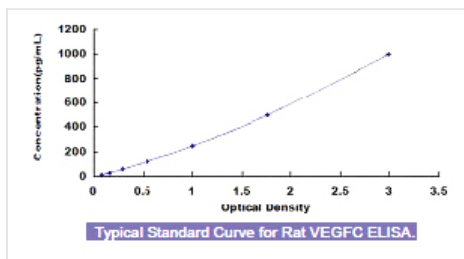
PRODUCT SYNONYMS

Vascular Endothelial Growth Factor C (VEGFC); Rat Vascular Endothelial Growth Factor C (VEGFC) ELISA Kit; VEGF-C; Flt4-L; VRPL; Vascular Endothelial Growth Factor-Related Protein; VEGFC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
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 and other biological fluids.
Assay Type	Sandwich
Detection Range	31.2-2000pg/mL
Sensitivity	12.3pg/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: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of VEGFC in rat 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 #	16758992
NCBI GeneID	114111
NCBI Accession #	NP_446105.1
NCBI GenBank Nucleotide #	NM_053653.1
UniProt Accession #	O35757; Q91ZE3
Molecular Weight	46,397 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 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/vascular-endothelial-growth-factor-c-vegfc/65373>