

Rat Vascular Endothelial Growth Factor D (VEGFD) ELISA Kit | VEGFD elisa kit

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CATALOG #
AAA64304

REACTIVITY
Rat

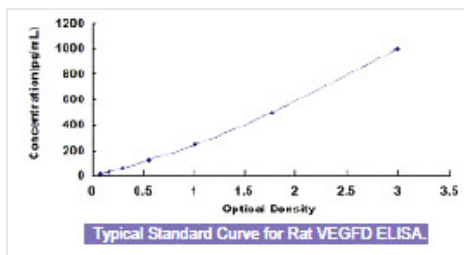
PRODUCT SYNONYMS

Vascular Endothelial Growth Factor D (VEGFD); Rat Vascular Endothelial Growth Factor D (VEGFD) ELISA Kit; FIGF; VEGF-D; C-Fos Induced Growth Factor; VEGFD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of VEGFD. No significant cross-reactivity or interference between VEGFD and analogues was observed.
Sequence Length	326
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	3.9pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level VEGFD 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 VEGFD 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 VEGFD elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of VEGFD 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 VEGFD. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to VEGFD. 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 VEGFD, 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 VEGFD 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 #	13929074
NCBI GeneID	360457
NCBI Accession #	NP_113949.1
NCBI GenBank Nucleotide #	NM_031761.1
UniProt Accession #	O35251; Q91ZE4
Molecular Weight	37,113 Da
NCBI Official Full Name	vascular endothelial growth factor D
NCBI Official Synonym Full Names	vascular endothelial growth factor D
NCBI Official Symbol	Vegfd
NCBI Official Synonym Symbols	Figf; Vegf-d
NCBI Protein Information	vascular endothelial growth factor D
UniProt Protein Name	Vascular endothelial growth factor D
UniProt Gene Name	Vegfd
UniProt Synonym Gene Names	VEGF-D; FIGF

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/rat-elisa-kits/vascular-endothelial-growth-factor-d-vegfd/64304>