

Rat Vascular Endothelial Growth Factor Receptor 3 (VEGFR3) ELISA Kit | VEGFR3 elisa kit

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CATALOG #
AAA63746

REACTIVITY
Rat

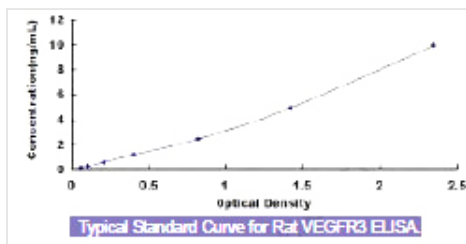
PRODUCT SYNONYMS

Vascular Endothelial Growth Factor Receptor 3 (VEGFR3); Rat Vascular Endothelial Growth Factor Receptor 3 (VEGFR3) ELISA Kit; FLT41; FLT4; PCL; Fms-Related Tyrosine Kinase 4; Tyrosine-protein kinase receptor FLT4; VEGFR3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of VEGFR3. No significant cross-reactivity or interference between VEGFR3 and analogues was observed.
Sequence Length	1363
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.064ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level VEGFR3 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 VEGFR3 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 VEGFR3 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of VEGFR3 in rat serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to VEGFR3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to VEGFR3. 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 VEGFR3, 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 VEGFR3 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 #	16758466
NCBI GeneID	114110
NCBI Accession #	NP_446104.1
NCBI GenBank Nucleotide #	NM_053652.1
UniProt Accession #	Q91ZT1; O35755; Q91ZT0
Molecular Weight	123,178 Da
NCBI Official Full Name	vascular endothelial growth factor receptor 3
NCBI Official Synonym Full Names	fms-related tyrosine kinase 4
NCBI Official Symbol	Flt4
NCBI Official Synonym Symbols	Vegfr3
NCBI Protein Information	vascular endothelial growth factor receptor 3
UniProt Protein Name	Vascular endothelial growth factor receptor 3
UniProt Gene Name	Flt4
UniProt Synonym Gene Names	Flt-4; Vegfr3; VEGFR-3; FLT-4

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-receptor-3-vegfr3/63746>