

Rat Vascular Endothelial Growth Factor Receptor 2 (VEGFR2) RTU ELISA Kit | VEGFR2 rtu elisa kit

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CATALOG #
AAA219186

REACTIVITY
Rat

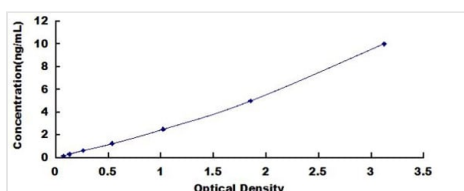
PRODUCT SYNONYMS

Vascular Endothelial Growth Factor Receptor 2 (VEGFR2); Rat Vascular Endothelial Growth Factor Receptor 2 (VEGFR2) ELISA Kit; CD309; FLK1; VEGFR; KDR; A Type III Receptor Tyrosine Kinase; Kinase Insert Domain Receptor; Fetal Liver Kinase-1; VEGFR2 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	1343
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.063ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VEGFR2 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to VEGFR2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to VEGFR2. 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 VEGFR2, 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 $\pm$ 10nm. The concentration of VEGFR2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981128
NCBI GeneID	25589
NCBI Accession #	NP_037194.1
NCBI GenBank Nucleotide #	NM_013062.1
UniProt Accession #	O08775
Molecular Weight	150,394 Da
NCBI Official Full Name	vascular endothelial growth factor receptor 2
NCBI Official Synonym Full Names	kinase insert domain receptor
NCBI Official Symbol	Kdr
NCBI Official Synonym Symbols	Vegfr-2
NCBI Protein Information	vascular endothelial growth factor receptor 2
UniProt Protein Name	Vascular endothelial growth factor receptor 2
UniProt Gene Name	Kdr
UniProt Synonym Gene Names	Flk1; VEGFR-2; FLK-1

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-rtu-elisa-kits/vascular-endothelial-growth-factor-receptor-2-vegfr2/219186>