

Human Vascuoar endothelial cell growth factor receptor 2, VEGFR-2/Flk-1 ELISA Kit | VEGFR-2/Flk-1 elisa kit

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CATALOG #
AAA42989

REACTIVITY
Human

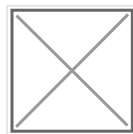
PRODUCT SYNONYMS

Vascuoar endothelial cell growth factor receptor 2; VEGFR-2/Flk-1; Human Vascuoar endothelial cell growth factor receptor 2; VEGFR-2/Flk-1 ELISA Kit; VEGFR-2/Flk-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1356
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 40ng/ml
Sensitivity	0.05ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VEGFR-2/Flk-1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Vascuoar Endothelial Cell Growth Factor Receptor 2 (also known as VEGFR-2/Flk-1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human VEGFR-2/Flk-1 antibody. VEGFR-2/Flk-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human VEGFR-2/Flk-1 Antibody is added and binds to VEGFR-2/Flk-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated VEGFR-2/Flk-1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human VEGFR-2/Flk-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11321597
NCBI GeneID	3791
NCBI Accession #	NP_002244.1
NCBI GenBank Nucleotide #	NM_002253.3
UniProt Accession #	P35968; O60723; Q14178; A2RRS0; B5A925; C5IFA0
Molecular Weight	75,896 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	FLK1; CD309; VEGFR; VEGFR2
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; VEGFR2; VEGFR-2; FLK-1; KDR

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/human-elisa-kits/vascuoar-endothelial-cell-growth-factor-receptor-2-vegfr-2-flk-1/42989>