

Human Vascuoar endothelial cell growth factor receptor 1, VEGFR-1/Flt1 ELISA Kit | VEGFR-1/Flt1 elisa kit

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CATALOG #
AAA42233

REACTIVITY
Human

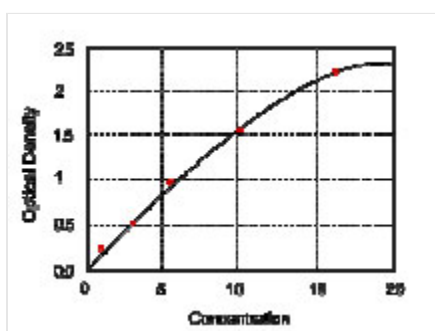
PRODUCT SYNONYMS

Vascuoar endothelial cell growth factor receptor 1; VEGFR-1/Flt1; Human Vascuoar endothelial cell growth factor receptor 1; VEGFR-1/Flt1 ELISA Kit; VEGFR-1/Flt1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	541
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.1-40ng/ml
Sensitivity	0.05ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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-1/Flt1 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Vascuoar endothelial cell growth factor receptor 1 (also known as VEGFR-1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human VEGFR-1 antibody. VEGFR-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human VEGFR-1 Antibody is added and binds to VEGFR-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated VEGFR-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-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	229892302
NCBI GeneID	2321
NCBI Accession #	NP_001153503.1
NCBI GenBank Nucleotide #	NM_001160031.1
UniProt Accession #	P17948; O60722; A3E342; A3E344; A8KA71; B0LPF1; B2BF46; B2BF47; B2BF48; B3FR89; B5A923; F5H5L6
Molecular Weight	77,474 Da
NCBI Official Full Name	vascular endothelial growth factor receptor 1 isoform 4
NCBI Official Synonym Full Names	fms related tyrosine kinase 1
NCBI Official Symbol	FLT1
NCBI Official Synonym Symbols	FLT; FLT-1; VEGFR1; VEGFR-1
NCBI Protein Information	vascular endothelial growth factor receptor 1
UniProt Protein Name	Vascular endothelial growth factor receptor 1
UniProt Gene Name	FLT1
UniProt Synonym Gene Names	FLT; FRT; VEGFR1; VEGFR-1; FLT-1; FLT

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-1-vegfr-1-flt1/42233>