

Human FLT4/VEGFR3 ELISA Kit | FLT4/VEGFR3 elisa kit

Human FLT4/VEGFR3 PicoKine ELISA Kit

CATALOG #
AAA125174

REACTIVITY
Human

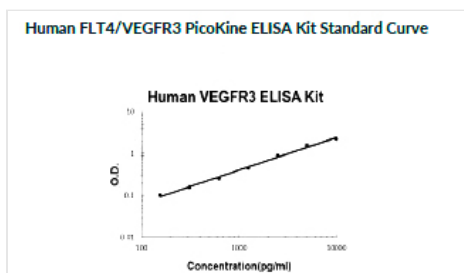
PRODUCT SYNONYMS

FLT4/VEGFR3; Human FLT4/VEGFR3 PicoKine ELISA Kit; Human FLT4/VEGFR3; fms related tyrosine kinase 4; Vascular endothelial growth factor receptor 3; VEGFR-3; Fms-like tyrosine kinase 4; FLT-4; Tyrosine-protein kinase receptor FLT4; FLT4; VEGFR3; FLT4/VEGFR3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human FLT4
Sequence Length	1363
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Detection Range	156pg/ml-10000pg/ml
Sensitivity	<50pg/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.
Inter-assay Precision	Inter-Assay Precision (Precision across assays): Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FLT4/VEGFR3 elisa kit	Principle of the Assay: The Picokine™ Human FLT4 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human FLT4 with a 96-well strip plate that is pre-coated with antibody specific for FLT4. The detection antibody is a biotinylated antibody specific for FLT4. The capture antibody is a monoclonal antibody from mouse, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Human FLT4 with immunogen: Expression system for standard: NSO, Immunogen sequence: Y25-I776. The kit is analytically validated with ready to use reagents. To measure Human FLT4, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Human FLT4 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human FLT4 in the sample.!!Background/Introduction: Fms-related tyrosine kinase 4, also known as FLT4, is a protein which in humans is encoded by the FLT4 gene. It is mapped to 5q35.3. This gene encodes a tyrosine kinase receptor for vascular endothelial growth factors C and D. The protein is thought to be involved in lymphangiogenesis and maintenance of the lymphatic endothelium. Mutations in this gene cause hereditary lymphedema type IA.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	104294888
NCBI GeneID	2324
NCBI Accession #	NP_891555.2
NCBI GenBank Nucleotide #	NP_891555.2
UniProt Accession #	P35916
NCBI Official Full Name	vascular endothelial growth factor receptor 3 isoform 1
NCBI Official Synonym Full Names	fms related tyrosine kinase 4
NCBI Official Symbol	FLT4
NCBI Official Synonym Symbols	PCL; FLT-4; FLT41; LMPH1A; LMPHM1; VEGFR3; VEGFR-3
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	VEGFR3; VEGFR-3; FLT-4
UniProt Entry Name	VGFR3_HUMAN

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/flt4-vegfr3/125174>