

Mouse VEGFR3 ELISA Kit | FLT4 elisa kit

Mouse VEGFR3 ELISA Kit

CATALOG # AAA261810	REACTIVITY Mouse	APPLICATIONS ELISA
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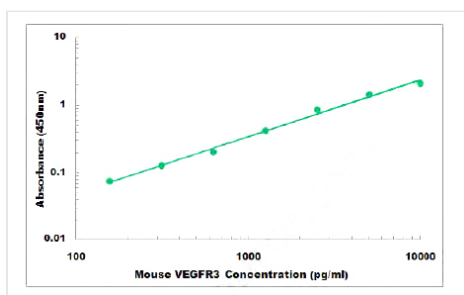
PRODUCT SYNONYMS

VEGFR3; Mouse VEGFR3 ELISA Kit; Vascular endothelial growth factor receptor 3; VEGFR-3; Fms-like tyrosine kinase 4; FLT-4; Tyrosine-protein kinase receptor FLT4; FLT4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse VEGFR3 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse VEGFR3 proteins within the range of 156 pg/ml - 10000 pg/ml.
Sequence Length	1363
Samples	Cell Culture Supernatants, Serum.
Sensitivity	10 pg/ml.
Applicable Applications for FLT4 elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FLT4 elisa kit	Principle of the Assay The Mouse VEGFR3 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse VEGFR3 in Cell Culture Supernatants, Serum. This assay employs an antibody specific for Mouse VEGFR3 coated on a 96-well plate. Standards and samples are pipetted into the wells and VEGFR3 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse VEGFR3 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of VEGFR3 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: Fms-related tyrosine kinase 4, also known as FLT4 or VEGFR3, 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. FLT4 has an essential role in the development of the embryonic cardiovascular system before the emergence of the lymphatic vessels. It has been found that FLT4, which provides proangiogenic signaling when expressed on endothelium, may also have antiangiogenic properties when expressed at an avascular site by nonendothelial cells. FLT4 is also regarded as a regulator of vascular network formation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	544322
NCBI GeneID	14257
UniProt Accession #	P35917
Molecular Weight	153,016 Da
NCBI Official Full Name	Vascular endothelial growth factor receptor 3
NCBI Official Synonym Full Names	FMS-like tyrosine kinase 4
NCBI Official Symbol	Flt4
NCBI Official Synonym Symbols	Chy; Flt-4; VEGFR3; VEGFR-3; AI323512
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
UniProt Entry Name	VGFR3_MOUSE

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.