

Mouse Vascular Endothelial Growth Factor Receptor 1 ELISA Kit | FLT1/VEGFR1 elisa kit

Mouse Vascular Endothelial Growth Factor Receptor 1 ELISA Kit

CATALOG #
AAA100273

REACTIVITY
Mouse

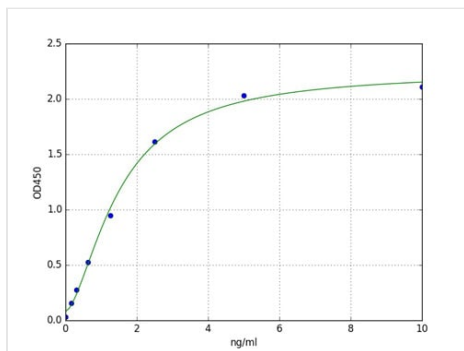
PRODUCT SYNONYMS

Vascular Endothelial Growth Factor Receptor 1; Mouse Vascular Endothelial Growth Factor Receptor 1 ELISA Kit; FLT1/VEGFR1/FLT1/Flt-1/FLT/FLT-1/Fms-like tyrosine kinase 1/fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor)/FRT/Tyrosine-protein kinase FRT/Tyrosine-protein kinase receptor FLT/vascular endothelial growth factor receptor 1/Vascular permeability factor receptor/VEGFR1/VEGFR-1; FLT1/VEGFR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	541
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	62.5-4000pg/ml
Sensitivity	37.5pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse VEGFR1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.122	0.185	0.224	0.361	0.531	0.894	1.393	1.908

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FLT1/VEGFR1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse VEGFR1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse VEGFR1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse VEGFR1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse VEGFR1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	229892302
NCBI GeneID	2321
NCBI Accession #	NP_001153503.1
NCBI GenBank Nucleotide #	NM_001160031.1
Molecular Weight	41,175 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
UniProt Entry Name	VGFR1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/flt1-vegfr1-mouse-elisa-kits/vascular-endothelial-growth-factor-receptor-1/100273>