

Human Soluble fms-like tyrosine kinase-1 (sFlt-1) ELISA Kit | sFlt-1 elisa kit

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CATALOG #
AAA22444

REACTIVITY
Human

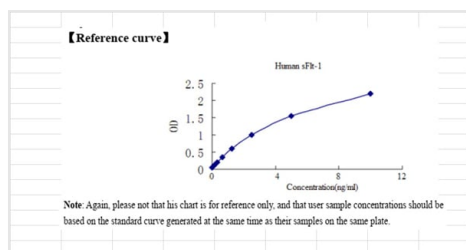
PRODUCT SYNONYMS

Soluble fms-like tyrosine kinase-1 (sFlt-1); Human Soluble fms-like tyrosine kinase-1 (sFlt-1) ELISA Kit; sFlt-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Sequence Length	473
Assay Type	Sandwich
Detection Range	10 ng/mL-0.156 ng/mL
Sensitivity	Up to 0.05 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for sFlt-1 elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human sFlt-1 monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

324499394

NCBI GeneID	544667
Molecular Weight	53,549 Da
NCBI Official Full Name	soluble fms-like tyrosine kinase 1
NCBI Official Synonym Full Names	fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor)
NCBI Official Symbol	flt1
NCBI Official Synonym Symbols	flt1b; sFlt1; VEGFR1
NCBI Protein Information	vascular endothelial growth factor receptor 1; flt1a; receptor tyrosine kinase Flt1b; soluble fms-like tyrosine kinase 1
UniProt Protein Name	Flt1 protein
UniProt Gene Name	flt1
UniProt Synonym Gene Names	sFlt1; sflt1
UniProt Entry Name	A4QNT7_DANRE

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/soluble-fms-like-tyrosine-kinase-1-sflt-1/22444>