

Goat Soluble Fms-like tyrosine kinase Receptor 1 ELISA Kit | sFLt-1 elisa kit

Goat Soluble Fms-like tyrosine kinase Receptor 1 ELISA Kit

CATALOG #
AAA89652

REACTIVITY
Goat

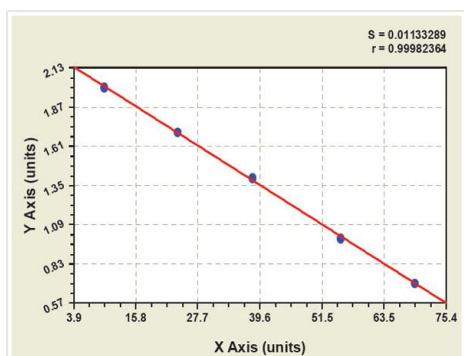
PRODUCT SYNONYMS

Soluble Fms-like tyrosine kinase Receptor 1; Goat Soluble Fms-like tyrosine kinase Receptor 1 ELISA Kit; sFLt-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This sFLt-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat sFLt-1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample C)

ADDITIONAL INFORMATION

Related Product Information for sFLt-1 elisa kit

Principle of the assay: sFLt-1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-sFLt-1 antibody and an sFLt-1-HRP conjugate. The assay sample and buffer are incubated together with sFLt-1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the sFLt-1 concentration since sFLt-1 from samples and sFLt-1-HRP conjugate compete for the anti-sFLt-1 antibody binding site. Since the number of sites is limited, as more sites are occupied by sFLt-1 from the sample, fewer sites are left to bind sFLt-1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The sFLt-1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2809071
NCBI GeneID	14254
UniProt Accession #	O55095; P35969; Q3TJC1; Q5GRG7; Q78ZF4; Q8K1H4; Q9CSC8; Q9CW58; Q9DAV2
Molecular Weight	77,522 Da
NCBI Official Full Name	sFlt-1
NCBI Official Synonym Full Names	FMS-like tyrosine kinase 1
NCBI Official Symbol	Flt1
NCBI Official Synonym Symbols	Flt-1; sFlt1; VEGFR1; VEGFR-1; AI323757
NCBI Protein Information	vascular endothelial growth factor receptor 1; embryonic receptor kinase 2; tyrosine-protein kinase receptor FLT; vascular permeability factor receptor; vascular endothelial growth factor receptor-1
UniProt Protein Name	SFlt-1
UniProt Gene Name	Flt1
UniProt Entry Name	O55095_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/sflt-1-goat-elisa-kits/soluble-fms-like-tyrosine-kinase-receptor-1/89652>