

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

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CATALOG #
AAA91280

REACTIVITY
Sheep

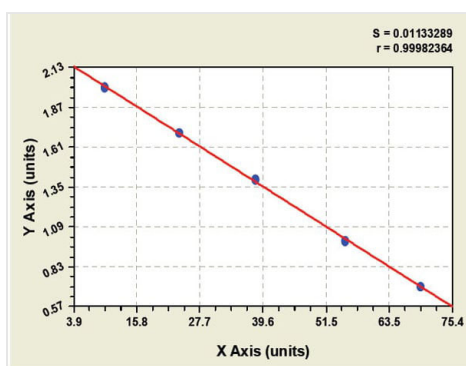
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Sheep
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 Sheep 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)

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
Molecular Weight	149,876 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	Vascular endothelial growth factor receptor 1
UniProt Gene Name	Flt1
UniProt Synonym Gene Names	Emrk2; Flt; Vegfr1; VEGFR-1; FLT-1
UniProt Entry Name	VGFR1_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.

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Online datasheet: <https://stage.aaabiotech.com/sflt-1-sheep-elisa-kits/soluble-fms-like-tyrosine-kinase-receptor-1/91280>